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ST. LOUIS, MO.

AUTUMN 1914

BULBS AND SEEDS



St. Louis Seed Co.

The Home of "Pure and Sure Seeds"

408 North Broadway

St. Louis, Mo.

GENERAL DIRECTIONS TO CUSTOMERS

THE attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves.

ORDER EARLY.—It will greatly facilitate shipments if orders are sent early. We aim to send off all orders the same or next day after receipt, but during the busy season this is nearly impossible—hence the advisability of ordering early.

TIME OF SHIPMENT.—The majority of Fall Bulbs are ready to ship by the second week in September; a few sorts, which are noted in Catalogue, do not mature until October and November. Unless otherwise instructed, we will send the early bulbs as soon as ready, and the late-maturing sorts when in good condition to ship.

TERMS OF BUSINESS

Remittances should be made by Post-Office Money Orders, Drafts on St. Louis banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

All goods are offered subject to being unsold on receipt of order, and we reserve the right to advance prices without notice.

No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in St. Louis, Mo.

In filling out your order always give **Shipping Directions**, and write **Name and Address Distinctly** on each and every order.

LOW EXPRESS RATES ON PLANTS, BULBS AND SEEDS

From St. Louis on Account of Our Central Location.

By our careful and thorough system of packing, we **Guarantee Safe Delivery** of plants and perishable goods, when ordered to be sent by **Express**, and we always ship this way unless we have positive instructions to the contrary, and when sent in any other way, are solely at purchaser's risk.

RATES FOR BULBS AND SEEDS BY PARCEL POST

(b) Parcels weighing 8 ounces or less containing seeds, bulbs, roots, and plants, 1 cent for each 2 ounces or fraction thereof, regardless of distance.

(c) Parcels weighing more than 8 ounces containing seeds, bulbs and plants, etc., according to distance or zone, at the pound rates shown in the following table, a fraction of a pound being considered a full pound:

Your postmaster will tell you the parcel post zone in which your postoffice is located, measuring from St. Louis.

AVERAGE WEIGHT OF BULBS

Weight per 100

Crocus 4 lbs.
Hyacinth, 1st size.....22 lbs.
Hyacinth, Bedding14 lbs.
Narcissus, Jumbo20 lbs.
Narcissus, Select14 lbs.

Weight in pounds.	Local.	Zones.					
		1st Up to 50 miles.	2d 50 to 150 miles.	3d 150 to 300 miles.	4th 300 to 600 miles.	5th 600 to 1,000 miles.	6th 1,000 to 1,400 miles.
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09
2	.06	.06	.06	.08	.11	.14	.17
3	.06	.07	.07	.10	.15	.20	.25
4	.07	.08	.08	.12	.19	.26	.33
5	.07	.09	.09	.14	.23	.32	.41
6	.08	.10	.10	.16	.27	.38	.49
7	.08	.11	.11	.18	.31	.44	.57
8	.09	.12	.12	.20	.35	.50	.65
9	.09	.13	.13	.22	.39	.56	.73
10	.10	.14	.14	.24	.43	.62	.81
11	.10	.15	.15	.26	.47	.68	.89
12	.11	.16	.16	.28	.51	.74	.97
13	.11	.17	.17	.30	.55	.80	1.05
14	.12	.18	.18	.32	.59	.86	1.13
15	.12	.19	.19	.34	.63	.92	1.21
16	.13	.20	.20	.36	.67	.98	1.29
17	.13	.21	.21	.38	.71	1.04	1.37
18	.14	.22	.22	.40	.75	1.10	1.45
19	.14	.23	.23	.42	.79	1.16	1.53
20	.15	.24	.24	.44	.83	1.22	1.61
21	.15	.25	.25				
22	.16	.26	.26				
23	.16	.27	.27				
24	.17	.28	.28				
25	.17	.29	.29				

RATES FROM ST. LOUIS

NON-WARRANTY

We wish it to be distinctly understood that although we take all possible pains to supply only New, Genuine and Unadulterated Seeds, Plants and Bulbs, we still give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop. Every order received for articles named in this Catalogue will be executed on these conditions only.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

ST. LOUIS, MO.

TO succeed with bulbs it is necessary to begin right by getting sound bulbs of good size, and we would warn intending purchasers against buying cheap, undersized bulbs and expect the fine results obtained from such as we offer. Our sources of supply are the best in this country and abroad, the leading growers of the world having for years supplied us with their choicest stock.

To the lover of flowers there is no class of plants so much prized as those which are produced from bulbs. The reason is easily found, because within the bulbs are stored all the future glory of leaves and flowers, only requiring the simplest culture to develop them in their highest perfection. Success is therefore the rule.

Another reason why bulbs are prized so highly is that a large number of them produce their flowers in very early spring, when the rest of nature is asleep. Then it is that a clump of Snowdrops or Scillas impart to the garden an air of warmth and cheer that cannot be accomplished in any other way. Following these modest flowers come the showier Crocus, Narcissus, Hyacinths, Tulips, etc., in all their dazzling colors, keeping up a continuous display well into the summer. With no other material can be secured such a wealth of charming flowers of infinite variety of form and coloring, with so little trouble and at so small an outlay.

A FEW CULTURAL HINTS

NOTE.—The following cultural hints apply especially to the latitude of St. Louis. In the South it is quite possible to plant bulbs as late as Christmas, while at points north of St. Louis, they should be planted as early as possible after the first killing frost.

WHEN TO PLANT.—To the beginner we would emphasize the fact that **Autumn** and not **Springtime** is the time to plant all kinds of spring-flowering bulbs. The larger part of the bulbs offered in this Catalogue are ready to ship by the second week in September, and the sooner they are planted after that the greater will be the measure of success, more particularly those for indoor culture; therefore, **ORDER EARLY**. A few sorts, which are noted in the Catalogue, do not mature until October and November, and are forwarded as soon as ready.

OUTDOOR CULTURE.—As a general rule, the bulbs should be planted in October and November, so that the roots may make a good growth before cold weather sets in, but they can be set out even later if the ground is not frozen. They require a moderately rich soil that has been well manured for previous crops, or else apply well-rotted cattle or sheep manure or bone meal, fresh manure is injurious to bulbs. The soil should be well drained, and no good results can be obtained without free drainage. In planting, the bulbs should be placed from an inch to four inches below the surface, according to the size of the bulb.

When the ground freezes hard the bed should be covered with three or four inches of leaves or litter, which should be removed in early spring. Too early and heavy covering starts the tops prematurely, which are frequently injured in March by freezing and thawing.

INDOOR CULTURE.—Bulbs intended for blooming during the winter can be planted from September until November—the earlier the better—in pans, pots or boxes, and be left in the open air, covered with a few inches of ashes or soil, until the earth begins to freeze, and then placed in a cool

greenhouse, cellar or room, at a temperature of 50 degrees. They will need, occasionally, moderate watering after they are brought inside. Or the pans, pots or boxes may be placed at once, after potting, in a cool, dark cellar, watering well and cover the same as above. The whole success of pot culture depends upon getting the roots well established in the pots, at a low temperature of say 40 to 50 degrees, before you begin to force the tops at 60 degrees or over. After this the bloom is easily developed by giving light and water, and one can have a supply of flowers from Christmas until after Easter by regulating the time of bringing them to the light.

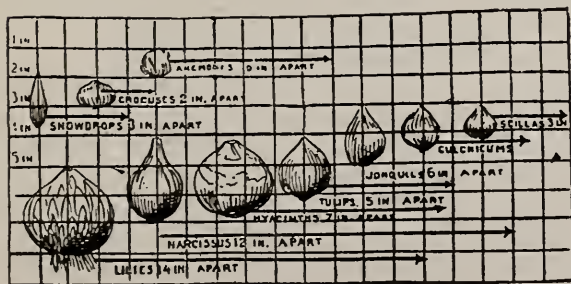


Table showing the depth and distance apart at which the leading kinds of bulbs should be planted.

THE ST. LOUIS SEED COMPANY

THE HOME OF PURE AND SURE SEEDS

ST. L. S. CO.'S DIRECTION FOR GROWING HYACINTHS

FOR GARDEN, GREENHOUSE AND CONSERVATORY

HOW TO GROW HYACINTHS OUTDOORS

THE bulbs may be planted from September until the ground closes, in any good, well drained garden soil, which, however, should be well enriched with rotted sheep manure, and dug at least 15 inches deep. They should be set 6 inches apart and 6 inches deep. Before the ground freezes, or better, after it freezes 2 or 3 inches, but not deep enough to reach the bulbs, cover the beds with leaves or other good litter to protect the bulbs from injury by alternate freezing and thawing through the winter, thus being assured of larger and stronger spikes of bloom in the spring. The covering should gradually be removed upon approach of warm weather in spring. The bulbs should be left until the foliage turns yellow, when they may be lifted, dried off, and kept in a dry, cool place for replanting, or allowed to remain in the bed.

HOW TO GROW HYACINTHS IN POTS

Any good soil will grow Hyacinths, but they do best in a rich, light one. Our **First Size, Special Bedding and Forcing and Top Root or Exhibition Hyacinths** should be planted singly in a 5-inch pot; a piece of broken pot placed across hole in the bottom to provide proper drainage. Place bulb in the pot so as to be about half an inch below surface of the soil. Remove all the offsets from the bulb before potting, and have soil come up to within an inch from the top of the pot to permit watering when bulbs are growing. Bulbs so potted may be plunged out in the open garden and covered with about 6 inches of gravel or ashes. This will admit of their getting the proper amount of moisture and still prevent damage by frost. See that there is a firm bed of ashes beneath the pots, so as to prevent the entrance of worms. They may also be put in a coldframe, or cool cellar, and kept well watered. Should be kept out about twelve weeks; except Roman Hyacinths, which take only about nine weeks to develop **fibrous roots**, which are essential to the proper development of large spikes of bloom. A very frequent mistake is made in bringing the bulbs into the light too soon, resulting in a failure to bloom or else weak spikes. After lifting see that the temperature for first two weeks is quite low (50 degrees) until top growth has nicely developed, when they may be forced according to one's needs. By keeping near to the glass so as to avoid becoming drawn, with a liberal supply of air, strong spikes of bloom may be had. **Avoid**, under any circumstances, **direct bottom heat**.

HOW TO GROW HYACINTHS IN GLASSES.

Fill glass with water so as to nearly touch bottom of bulb, putting a small piece of charcoal in the glass to keep water pure. Glasses may be stored in any cool, dark place until roots have almost touched bottom of the glass. Should water become foul, replace, taking care not to have it too cool. When brought into light, see that they are protected from draughts and get a good supply of air.

HYACINTH GLASSES.

HYACINTHS, when grown in glasses, are most easily handled and make a much prettier showing. Glasses, either style (see cut) in blue, green, amber and wine colors. Each, 15 cents. \$1.50 per dozen, assorted.

Potting Soil for bulbs and plants, pk., 25c; bu., \$1.00.



Hyacinth Glasses

ST. L. S. CO.'S EXHIBITION OR MAMMOTH NAMED HYACINTHS

MONSTER BULBS

These bulbs are the largest size and finest varieties imported, and where extra large blooms are wanted for show and exhibition purposes, would recommend trying this stock. The undermentioned 10 varieties, consisting of 2 shades of white, 4 shades of blue, 4 shades of red and rose, are the 10 best flowering varieties of all the named sorts.

SINGLE BLUE Each Pr. doz

Grand Maitre —Deep porcelain-blue; large truss and bulb.....	\$1.20	\$2.00
King of the Blues —Rich dark blue, compact spike, bells medium large, one of the finest for forcing or bedding .....	.20	2.00
Lord Balfour —Dark lilac, broad fine shaped large truss, well set with large waxy bells, standing horizontal on the stems, which makes a striking effect; extra good for forcing. The best in this color for all purposes .....	.20	2.00
Queen of the Blues —Porcelain sky-blues, very large bells and fine spike .....	.20	2.00

SINGLE RED AND ROSE Each Pr. doz

Gigantea —Very large, light pink flower in a long, very large compact spike, extra fine.....	\$1.20	\$2.00
Gertrude —Light red, large, compact, attractive spike, extra fine, early....	.20	2.00
Moreno —Fine spike, pink shade, very early .....	.20	2.00
Roi des Belges —Fine deep red.....	.20	2.00

SINGLE WHITE

L'Innocence —Purest white; a grand variety .....	.20	2.00
La Grandesse —Extra fine, pure white, splendid bells and grand spike....	.20	2.00

HYACINTHS

EXTRA SELECT—FIRST SIZE, NAME

(By mail, see Parcel Post, inside front cover.)

THE varieties enumerated below have been selected for their distinct coloring and free flowering qualities, and are all **Selected First-size Bulbs**, especially suited for growing in pots or glasses or for high-grade bedding.

SINGLE WHITE

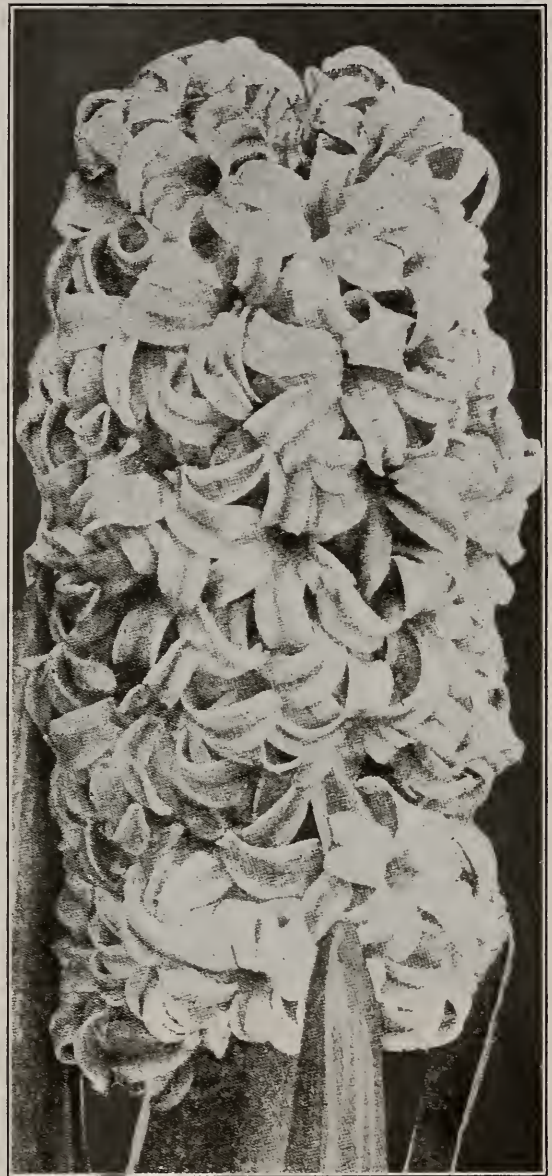
	Each.	Pr. doz.
Albertine—Pure white, early.....	\$.10	\$1.20
Grand Vainquer—Pure white, extra large, very fine.....	.10	1.20
L'Innocence—Purest white; a grand variety .....	.10	1.20
La Grandesse—Extra fine, pure white, splendid bells and grand spike.....	.10	1.20

SINGLE BLUE

Chas. Dickens—Extra fine large bells, blue .....	.10	1.20
Grand Maitre—Deep porcelain-blue; large truss and bulb.....	.10	1.20
King of the Blues—Rich dark blue, compact spike, bells medium large. one of the finest for forcing or bedding.....	.10	1.20
La Peyrouse—Clear porcelain-blue.....	.10	1.20
Lord Balfour—Dark lilac, broad fine shaped large truss, well set with large waxy bells, standing horizontal on the stems, which makes a striking effect; extra good for forcing. The best in this color for all purposes.....	.10	1.20
Queen of the Blues—Porcelain sky-blues, very large bells and fine spike.....	.10	1.20

SINGLE ROSE

Cardinal Wiseman—Charming light rose pink, large spike.....	.10	1.20
Gigantea—Very large, light pink flower in a long, very large compact spike, extra fine .....	.10	1.20
Gertrude—Light red, large, compact, attractive spike, extra fine, early.....	.10	1.20
Moreno—Fine spike, pink shade, very early	.10	1.20
Robert Steiger—Deep red, tall, good spike; popular old variety.....	.10	1.20
Roi des Belges—Fine deep red.....	.10	1.20



First Size Hyacinth

SINGLE YELLOW

King of the Yellows—A very fine, pure yellow; not early, but tall and handsome spike.....	\$.10	\$1.20
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DOUBLE FLOWERED

Blocksburg—Fine light blue, very large compact spike.....	.15	1.25
Lord Wellington—The finest double, pink .....	.15	1.25
La Grandesse—Pure white, fine bells and spikes.....	.15	1.25
Princess Louis—Deep red; large flower .....	.15	1.25

EARLY FRENCH ROMAN HYACINTHS

A CHARMING class of Hyacinths from the south of France (quite distinct from the Dutch Hyacinths), producing graceful, delicately perfumed spikes of flowers. They force readily in the house. Three bulbs can be put in a 4-inch, or six bulbs in a 6-inch pan or pot, and as each bulb produces several spikes it makes a beautiful plant for conservatory or house decoration.

Early White. Pure white; one of the most valuable plants for cut flowers. If potted at intervals from September to November can be had in flower from November till April.

Price, doz.....50c

DUTCH MINIATURE HYACINTHS

These are "Dutch Romans," or miniature Dutch Hyacinths, largely used for growing in pans or pots.

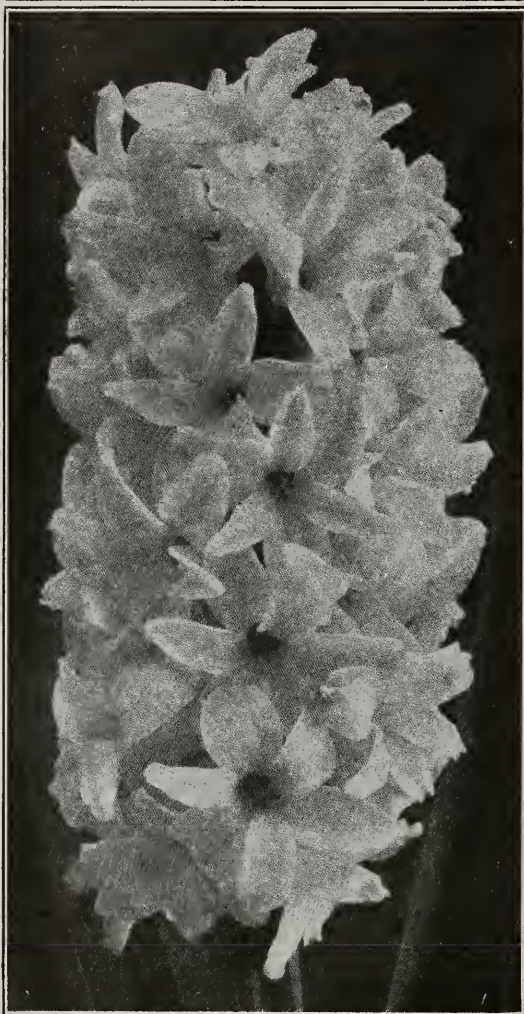
	Doz.	100		Doz.	100
Red, all shades	\$.40	\$3.00	Dark Blue	\$.40	\$3.00
Rose, all shades	.40	3.00	Pure White	.40	3.00
Light Blue	.40	3.00			

GRAPE HYACINTHS

Very beautiful little flowers for planting in masses, either in shade or where exposed to the sun. When planted out in herbaceous borders, where they can be left undisturbed, they do exceedingly well; each year adding to their already profuse-blooming qualities.

Blue. This variety is the largest and best of the Grape Hyacinths. The bells are large and form a fine truss. Splendid effects are produced by massing in the garden or border.

Price, doz.....15c 100.....\$1.00



Bedding Hyacinth

BEDDING HYACINTHS

By mail, see Parcel Post Rate inside first cover.

FEW bulbs can be used for bedding with such good effect as Hyacinths, and every spring they form one of the features of the principal parks, and, considering the little trouble necessary for their care and the low cost of planting a good-sized bed, it is a matter of comment that larger plantings are not seen in private gardens. While mixed Hyacinths in the separate colors are well adapted for bedding purposes, yet where a special design is wanted in which the colors must be sharp and distinct we advise using the named varieties. Not only do you then get the requisite colors, but at the same time much finer individual spikes of flowers, which well repays the slight increase in cost.

These Hyacinths are all large-sized, healthy bulbs, well adapted for outdoor planting. The colors being kept separate, the purchaser can make his selection of colors as his taste may dictate. The bulbs can also be forced for Winter-flowering or cutting.

SINGLE MIXED

	Doz.	100
Rose Shade	\$0.50	\$3.50
Red	.50	3.50
Dark Red	.50	3.50
Light Blue	.50	3.50
Dark Blue	.50	3.50
Blue, all shades	.50	3.50
White	.50	3.50
Bluish-White	.50	3.50
Yellow	.50	3.50

DOUBLE MIXED

	Doz.	100
Red	\$0.50	\$3.75
Rose, all shades	.50	3.75
Dark Red	.50	3.75
Light Blue	.50	3.75
Dark Blue	.50	3.75
Pure White	.50	3.75
Bluish-White	.50	3.75
Yellow	.50	3.75

EARLY SINGLE-FLOWERING TULIPS

SELECTED FIRST SIZE BULBS ONLY

(By mail, see Parcel Post rate inside front cover)



IT IS difficult to conceive of anything more brilliant in color than a bed of good tulips. Their great variety of color, intense brilliancy and beautiful shading make them universal favorites. Another consideration in their favor is the ease with which they can be cultivated, only requiring good common garden soil to grow them to perfection. There are no bulbs which make such a rich and gorgeous display of blossom with so little care and cultivation.

The Dutch growers have so mastered the art of tulip culture that they are now able to offer bulbs at prices which bring them within the reach of all, and of a quality which leaves nothing more to be desired. The tulips we offer are among the most perfect of flowers in form, wealth of color and variety of markings.

The culture of tulips is the same as that of hyacinths, except that the bulbs should be planted about five inches deep and three to six inches apart. Tulips are perfectly hardy, so that only a slight protection is required from extremely cold and sharp winds.

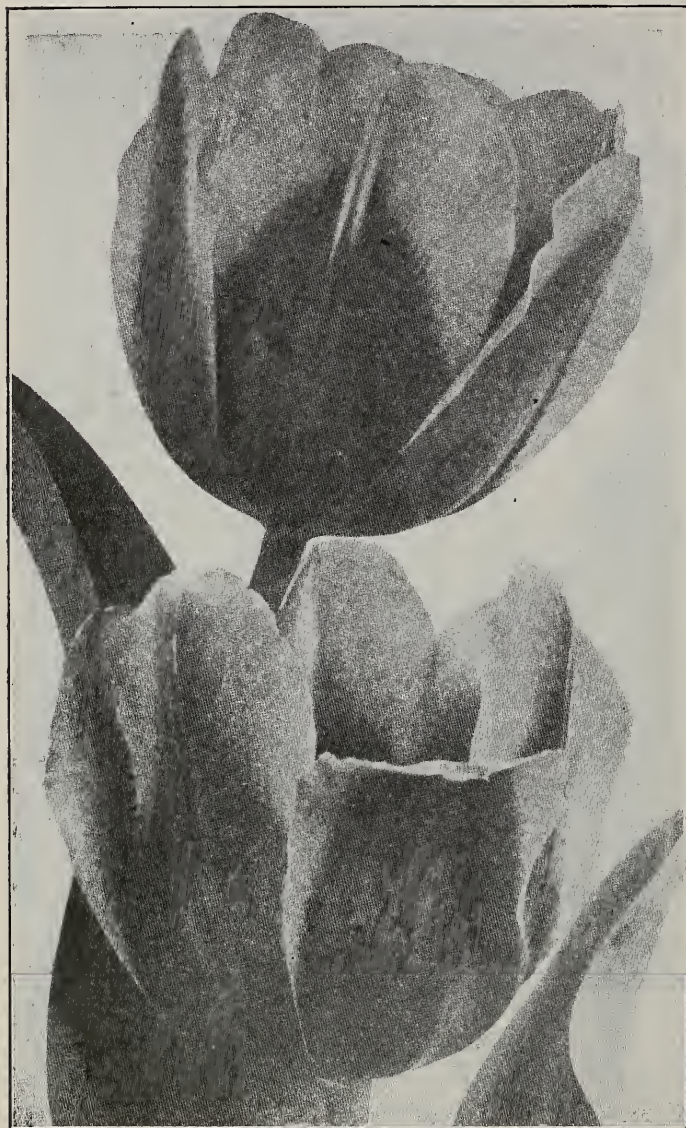
The letters A, B or C, following the varieties, indicate their earliness of bloom; those marked A flower together and are the earliest; B's follow before the A's are out of bloom, etc. The figures indicate average height in inches.

SINGLE SCARLET OR RED

	Doz.	100
Artus —B 7. Deep red, fine bold flowers, very fine for forcing and bedding... \$20		\$1.25
Belle Alliance —B 10. Brilliant scarlet, yellow base; large flower. Excellent for bedding or forcing.....	.30	2.25
Couleur Cardinal . C 9. Brilliant crimson-scarlet, with beautiful purplish sheen on the outer petals. Excellent bedder .....	.30	2.25
Cramoisi Brilliant . C 9. Glowing scarlet, yellow base. Excellent bedder..	.30	2.00
Dusart . Rich deep scarlet; a grand bedder .....	.30	2.00
Duc Van Thol, Scarlet —A 7. Very early	.30	2.00
Pottebakker, Scarlet —A 9. Good bedder .....	.30	2.25
Vermilion Brilliant . A 12. Bright glistening scarlet with yellow base. For forcing or bedding.....	.40	3.00

RED AND ORANGE OR YELLOW

	Doz.	100
Duchesse de Parma —B 10. Deep orange-maroon with irregular border of deep yellow. Excellent for bedding or early forcing .....	.25	\$1.50
Duc Van Thol —A 7. Red and yellow, quite early.....	.25	1.50
Joost Van Vondel —B 9. Cherry-red, feathered white through center of petals .....	.25	1.75
Keizerkroon —B 12. Red, edged clear rich yellow; large flower. Excellent showy bedding or forcing variety. Extra large bulbs.....	.30	2.25
Prince of Austria —B 10. Brilliant orange-scarlet; yellow base; large and showy flower; deliciously sweet scented. Good for bedding or forcing. .	.30	2.00



PINK AND ROSE

	Doz.	100
Cottage Maid —B 9. Rosy pink edges, shaded to white.....	.20	\$1.25
La Reine —B 8. White, faintly flushed with rose; fine forcer.....	.20	1.25
Proserpine —A 12. Rich, silky carmine-rose. This variety still heads the list for Christmas forcing. Excellent for bedding also .....	.40	3.00
Rose Gris-de-lin —C 10. Rose, flushed and feathered creamy white. Very fine for bedding.....	.20	1.50
Rose Luisante —C 10. Brilliant deep rose-pink; large flower of great substance. Splendid for bedding or for pots and pans when forced late..	.30	2.25

SINGLE EARLY TULIPS

(CONTINUED)

SINGLE YELLOW

	Doz.	100
Chrysolora —B 10. Clear golden yellow; large globular flower. Excellent for bedding..	.25	\$1.50
Duc Van Thol, Yellow —A 8. Excellent, early yellow for pots .....	.30	2.00
Thomas Moore —B 12. Rich apricot-orange. Excellent for bedding or forcing.....	.25	1.50
Yellow Prince —B 10. Excellent for bedding or forcing.....	.20	1.25

SINGLE WHITE

Duc Van Thol, White —A 7. Extremely early, popular for forcing .....	.25	1.50
L'Immaculee —A 8. Pure white, large, very early flowers..	.20	1.25
Pottebakker, White —A 9. Pure white; large and showy flower. Excellent for bedding or forcing .....	.25	1.75
White Hawk —A 10. January forcing. Large pure white flower of globular form; excellent shipping variety on account of its lasting qualities. Good bedder.....	.30	2.25
White Swan, true, pure white, late .....	.25	1.75

SINGLE VIOLET

Wouwerman —B 9. Deep violet, fine bedder.....	.50	4.00
Single Mixed, fine in good colors, special for bedding.....	.15	1.00

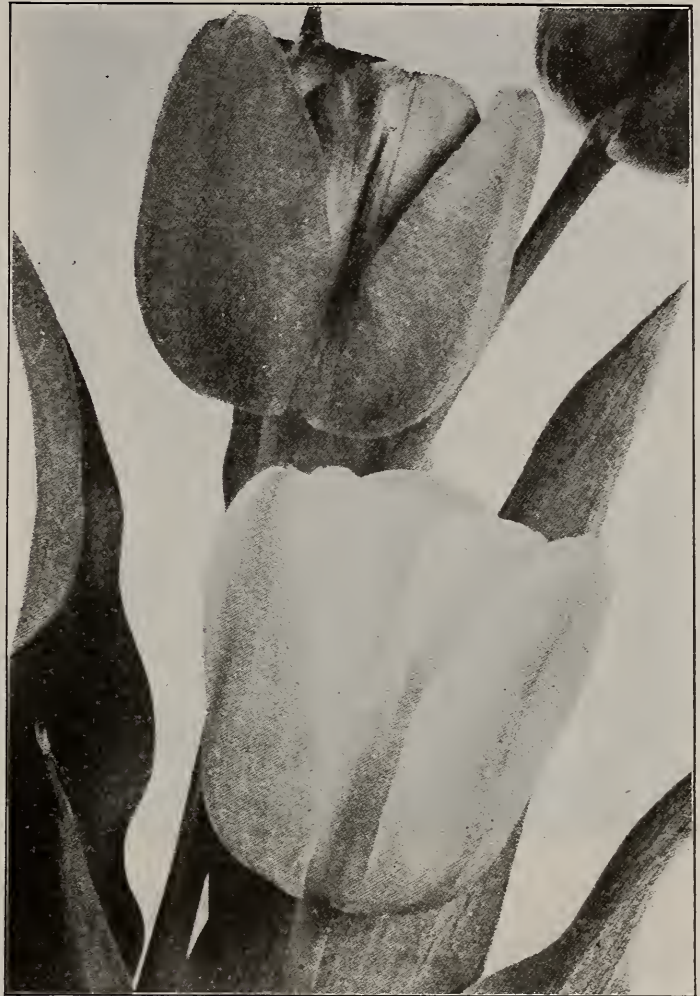
DOUBLE TULIPS

Couronne d'Or —A 10. (Crown of Gold), golden yellow; excellent .....	.25	1.75
Duke of York —B 10. Carmine rose, bordered white.....	.25	1.50
Imperator rubrorum . A 9. One of the best scarlets either for bedding or forcing. Still remains among the best of the older varieties .....	.30	2.25
La Candeur —B 10. Pure white, splendid for out-of-doors .....	.25	1.50
Rex Rubrorum —B 10. Brilliant scarlet	.30	2.00
Rose Blanche —B 8. Pure white, good out-of-doors .....	.20	1.25
Tournesol —B 9. Red and yellows.....	.30	2.00
Tournesol —B 9. Yellow, bright yellow, shaded orange.....	.25	1.75
Murillo —B 9. White rose, shaded, best forcing variety.....	.20	1.25
Salvator Rosea —A 9. Deep rose, extra	.25	1.75
Vuurbaak —B 10. Fiery scarlet, tinged orange when open. Excellent for beds or forcing.....	.35	2.50
Double Mixed.....	.15	1.25

DARWIN TULIPS

THE handsome Darwin Tulips are quite distinct in style of growth from the other late-flowering sorts, attaining a height of 24 to 30 inches and bearing on strong stems, beautiful globular flowers, in a large range of colors in rose, maroon, crimson and other rich and rare shades. Unsurpassed for bedding and for cutting.

	Doz.	100
Baronne de la Tonnaye. A long and beautiful flower; clear carmine-rose at the midrib, toning off to soft pink at the edges; base white, tinged blue. Height 26 inches .....	.40	\$3.00
City of Haarlem, vermillion, extra..	.40	3.00
Clara Butt —Soft salmony-pink, tinged with blush.....	.35	2.50
Faust (new), blackish purple, extra large cup .....	.40	3.00
Gretchen —(Margaret); outside of petals delicate blush; inside soft rose .....	.30	2.00
Harry Veitch —A rich blood-red, very brilliant in the sunlight, with blue base; large, bold flower on long stem. Height 28 inches.....	.40	2.75
Kate Greenway —White lilac shaded, very late .....	.30	2.00
Ouida —Bright red .....	.30	2.00
Painted Lady, milk white, extra..	.40	2.75
Pride of Haarlem —Magnificently formed flower of immense size; brilliant, deep salmon-rose, shaded scarlet, light blue base.....	.40	3.00
Salmon King —Dazzling rosy scarlet, shaded salmon .....	.40	3.00
Zulu —Violet black, extra.....	.40	3.00
Mixed Darwin Tulips.....	.25	1.50



LATE OR MAY-FLOWERING

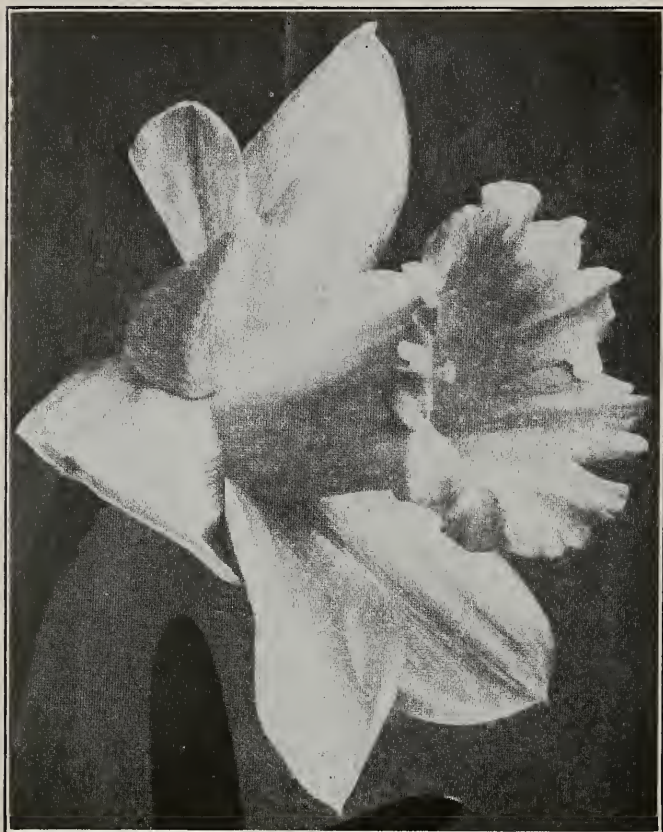
THIS beautiful class is becoming more popular each season. They are quite distinct from the early-flowering sorts offered on the preceding pages, come into bloom in the vicinity of St. Louis about May 10th, or two or three weeks later than the early flowering types, and extending the Tulip season over a period of four weeks or more.

	Doz.	100		Doz.	100
Bybloemens, finest mixed —Ground color, white, striped and variegated with rose and violet shades.....	.25	\$1.50	Isabella (Shandon Bells)—Carmine-rose, shaded creamy white; splendid forcer. A very useful variety.....	.30	\$2.25
Bizarres, finest mixed —Ground color yellow, striped and feathered with crimson, brown or violet very striking and a most desirable class....	.25	1.50	Picotee, (Maiden's Blush), white with rosy red edge.....	.30	2.25
Gesneriana rosea, (Blue Star), bright rosy red.....	.30	2.25			
Gesneriana spathulata or major —The beautiful curved flowers are brilliant scarlet, with a bluish black center, on tall stems. Height, 18 inches....	.25	1.50			
Golden Crown —Pale yellow edged crimson-red as the flower ages it turns to orange-red; excellent for borders or late forcing. Height 16 inches..	.30	2.25			

PARROT OR DRAGON TULIPS

Very large flowers of singular and picturesque forms and brilliant colors; very beautiful and interesting. The petals are curiously fringed or cut.

Admiral —Orange red.....	.25	\$1.75
Cafe Brun —Purplish brown and yellow ..	.25	1.75
Cramoisie —Brilliant carmine red.....	.25	1.75
Perfecta —Yellow, scarlet, feathered.....	.25	1.50
Mixed .....	.20	1.25



SELECT NARCISSUS

(By mail see Parcel Post Rate inside front cover.)

THERE are no hardy bulbous plants which have more points of merit than the Narcissus. Perfectly hardy, growing and doing well in almost any soil, they have a preference for a good, deep soil and a semi-shaded position, and every vacant corner in the garden, amongst the grass, under the trees, etc., etc., could not be used to better advantage than by filling with Narcissus. They are equally desirable for pot culture or for winter flowering. Three or four bulbs can be put into a 5-inch or 6-inch pan or pot, and, with the same treatment as given to Hyacinths. But it is outdoors that Narcissus do best, and if planted in October and November out in the open ground in good soil and let them remain undisturbed. After flowering let the leaves die back, but do not cut them off or the bulb will not flower next year. Set 5 inches deep and 6 to 8 inches apart. The bulbous roots will multiply and send up fine long flower stems every spring. Be sure to keep the ground moist during the growing season if season is dry.

We handle only strictly selected bulbs that are sure to produce satisfactory returns.

SINGLE GIANT TRUMPET SORTS

	Doz.	100
Emperor —One of the largest and finest Daffodils in cultivation, pure yellow trumpet of immense size, and wide, overlapping, rich primrose perianth; for bedding, naturalizing or for growing in pots in the house it is unequalled. Much in demand for cutting.....	\$0.40	\$2.50
Exhibition or Jumbo Bulbs.....	.60	4.00
Empress —Of strong, robust growth, with fine large flowers; the perianth snow white, trumpet rich yellow, serrated and flanged at the edges; one of the best bicolors and of rare beauty for cutting.....	.40	2.50
Exhibition or Jumbo Bulbs.....	.60	4.00
Golden Spur —The most popular of the golden yellow trumpets with cut flower growers, as it produces freely and early its handsome rich, deep yellow flowers. It is just as valuable out of doors as for forcing. A strong, vigorous grower, always doing well.....	.30	2.00
Exhibition or Jumbo Bulbs.....	.60	4.00
Henry Irving —Remarkable for its deep yellow, imbricated, wheel-shaped perianth and large trumpet of a lovely golden-yellow hue; a fine variety for any purpose.....	.30	2.00
Princeps —Very early. This is one of the most popular winter-flowering and forcing varieties grown. Flowers large; perianth sulphur an immense, rich yellow trumpet..	.25	1.50

	Doz.	100
Sir Watkin —The Giant Chalice Flower. A gigantic variety; immense long-stemmed flowers, sometimes measuring 5½ inches across, being the largest variety grown. Color a rich light yellow, with a very large, dark cup, tinted with orange.....	\$0.40	\$2.50
Trumpet Major (Single Van Sten) —A large and shapely flower of a rich yellow color throughout. Comes into bloom early and is excellent for forcing, bedding or naturalizing .....	.30	2.00
Victoria. B. A Bicolor famous for its large and durable flowers, which stand boldly erect; broad perianth of creamy white; large, broad, fluted trumpet of rich yellow. A strong grower, with massive flowers. Fine for forcing, the flowers lasting in excellent condition long after being cut.....	.30	2.25
Exhibition or Jumbo Bulbs.....	.60	4.00

POET'S NARCISSUS

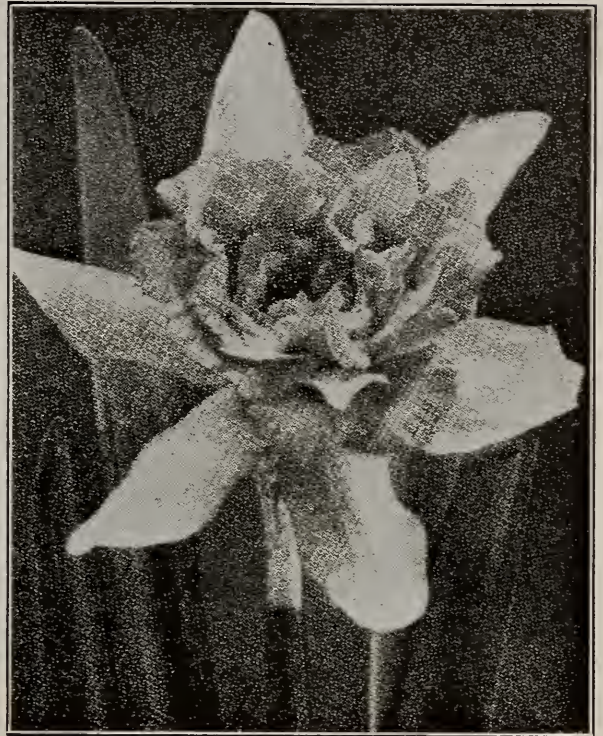
Narcissus Poeticus —This is the old-fashioned favorite type, with white flowers, the cups margined with red and with rich, spicy odor. For indoor culture the Ornatus is best. Do well in the open border, are perfectly hardy, and once planted take care of themselves .....	.20	1.50
Albo Pleno —Double white, sweet scented....	.20	1.50

DOUBLE NARCISSUS OR DAFFODILS

(By mail see Parcel Post inside front cover.)

VON SION, the largest and finest double yellow trumpet variety. This is the old favorite variety so highly prized in old-fashioned gardens. Excellent for either forcing or cut flowers. If planted out of doors it can remain where planted for a number of years, blossoming freely every year. It is as popular now as ever and every one who loves daffodils should plant it.

	Doz.	100
Von Sion's XXX —Extra fancy double-nosed mother bulbs. These never throw less than three flowers, often more. These are fine for pans	\$.50	\$3.50
Von Sion Extra Selected Double-nosed Bulbs —Each bulb will produce at least two flowers and frequently 3 or more.....	.40	2.50
Von Sion Selected Single-nosed Bulbs —Each bulb will produce at least one fine flower and often two .....	.30	2.00
Orange Phoenix (Eggs and Bacon)—Beautiful double white flowers, with orange nectary. Splendid for pot culture and cutting and for garden decoration .....	.20	1.50
Sulphur or Silver Phoenix —Creamy white, with pale sulphur centre. Considered the finest of the double sorts .....	.25	2.00



Double Von Sion Narcissus

POLYANTHUS NARCISSUS

A very decorative class of bulbous plants for greenhouse and window-garden. They produce large trusses of bloom and are quite fragrant. These bulbs are not hardy and should not be planted outdoors. They are hardly any of the Narcissi that respond to forcing so easily and quickly, and a large number of florists have them in bloom from November until Easter. The variety Paper-White can be grown in water, with pebbles in shallow dishes or bowls, the same as the Sacred Chinese Narcissus.

PAPER WHITE NARCISSUS

	Doz.	100
An improved large-flowering form of the Paper White, possessing all the good qualities of that popular and easily-grown variety, and which, on account of its larger flowers, is now the principal forcing sort. It does splendidly in water, like the Chinese Sacred Lily.		
Mammoth large flowering bulbs.....	\$.30	\$2.00
First size bulbs, regular stock.....	.20	1.50
Grand Soleil d'Or —A delightful variety, rich yellow flower with reddish cup.....	.25	1.75

JONQUILS

Double Jonquil —Double deep golden yellow flowers; powerfully scented and good for forcing .....	.30	1.50
Single Jonquil —The well-known favorite, delicately scented and beautiful for forcing. Rich yellow; very fragrant.....	.15	1.00
Campernelle —Large, yellow flowers, four to six on a stem; fine for forcing.....	.15	1.00



Paper White Grandiflora Narcissus



Chinese Sacred Lily

CHINESE SACRED LILY

(*Narcissus Orientalis*) Joss Flower, or Flower of the Gods

(By mail; see Parcel Post rate inside front cover.)

A NARCISSUS of the Polyanthus type, grown largely in China for the decoration of the temples (joss houses) on New Year's Day. The lilies are mostly grown in bowls with water, with enough stones, etc., around to prevent the bulbs from toppling over. They produce a profusion of creamy-white flowers with golden yellow cups, borne in clusters. Begin planting about September 1, and for succession, every week until Christmas.

Mammoth large flowering bulbs (best); each 10c; dozen, \$1.00.

First size bulbs, regular stock; each, 5c; dozen, 50c.

GLASS BOWLS for Chinese Lilies

	Each
Medium size, crystal, holds 3 bulbs.....	10c
Large size, crystal, holds 4 bulbs.....	15c
White Gravel for above; quart.....	10c

AMARYLLIS

The Amaryllis is pre-eminently a window garden plant for the amateur, producing under the simplest conditions one, two and even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition.

	Each	Doz.
Belladonna major —Large; violet and white.....	\$1.15	\$1.50
Formosissima (Jacobaean Lily)—Brilliant scarlet.....	.15	1.50
Johnsonii —Very large flower, of a rich crimson-scarlet color, striped with white.....	.25	2.50

FREESIA

This is one of the most beautiful of all Cape bulbs, possessing a peculiar grace of form, and its fragrance is most delightful, one pot of a dozen bulbs being sufficient to perfume a whole house. As cut flowers they are extremely valuable; the unexpanded blooms opening in water, fill the air with the most delicious perfume, and their endurance is really remarkable. They force very easily, and can be had in flower in January. When potted these should be put directly in the light, and prefer a rather cool position and close to the light, which keeps them short and sturdy.

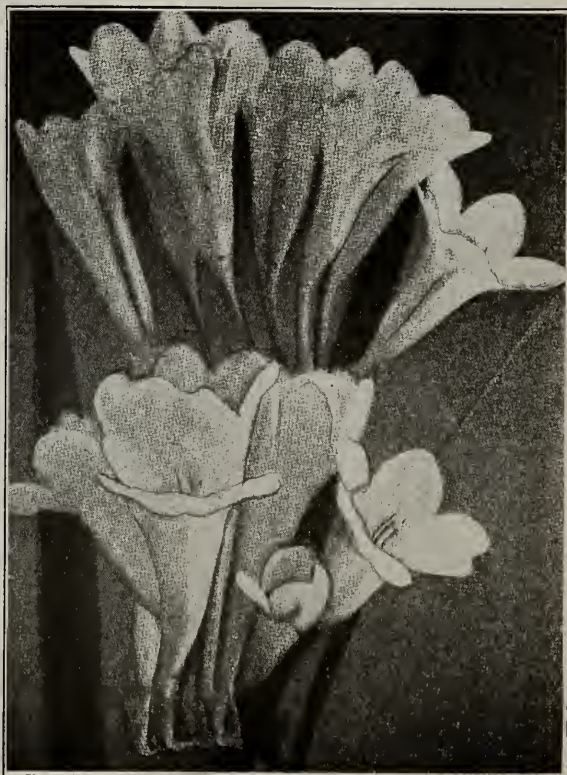
	Doz.	100
Refracta Alba —White; yellow center, delightfully fragrant. Mammoth bulbs.....	\$2.00	\$1.50
Improved Purity —The finest and purest white variety yet introduced; of strong growth and with larger flowers than the type. Extra strong bulbs .....	.30	2.25
Second size .....	.20	1.50

GLADIOLUS

FOR WINTER FORCING
Ready in November

The varieties mentioned below are valuable for forcing. They can be had in bloom during April.

	Doz.	100
Colvillei Alba (The Bride)—Bright graceful variety, having pure, white flowers which are freely borne on long stems.....	\$2.00	\$1.50
Blushing Bride (or <i>Delicatissima</i>)—About the best of this class, splendid forcer. Flowers are large, bluish white with pink blotches on three lower petals.....	.20	1.50
Peach Blossom —Same class as Blushing Bride, but of a beautiful shade of pink; excellent cut flower .....	.20	1.50
May —Pure white, flaked rosy crimson; the best forcer, selected bulbs.....	.40	3.00
America —The finest pink Gladiolus yet introduced, being especially valuable to florists, both for sale as a cut-flower or use in design work. An easy forcer and good seller .....	.40	3.00



Freesia, Purity

CROCUS

(By mail, see Parcel Post inside front cover.)

THIS brilliant and universally admired spring flower will thrive in any soil or situation, but to be brought to the highest perfection it should be grown in an open bed or border of deep, rich, sandy loam. When planted in large groups or lines or distinct colors, the effect is very striking, and the bulbs are now offered so cheap as to justify their liberal use. They are invaluable for pot culture. To secure a succession of blooms commence planting early in October, 6 or 8 bulbs in a pot (the named varieties are best for this purpose), using rich soil and planting about an inch deep. Place the pots on a surface of ashes, cover the top one inch deep with soil, until the leaves appear, when they may be removed to the house. They can also be grown in saucers or bowls, in water and pebbles, in the same way as the Chinese Sacred Lily.

NAMED CROCUS Doz. 100

Cloth of Gold—Yellow veined brown outside	\$.15	1.00
Albion—Dark purple, striped white; extra large, fine flower.....	.15	1.00
Baron von Brunow—Very large, deep, rich purple.....	.15	1.00
David Rizzio—Deep purple.....	.15	1.00
Kathleen Parlow—Purest white, large orange anthers, fine substance extra .....	.15	1.25
King of the Blues—Dark blue, large flower .....	.15	1.00
Mammoth Yellow—Golden yellow, mammoth bulbs, free flowering...	.15	1.25
Mont Blanc—A pure white, good....	.15	1.00
Sir Walter Scott—White, purple striped, very early .....	.15	1.00



Giant Named Crocus

Queen Victoria—Purest white, very large free bloomer	Doz. 100	\$.15	1.00
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MIXED CROCUS

Mixed Yellow10	.75
Mixed White10	.75
Mixed Purple and Blue.....	.10	.75
Mixed Striped .....	.10	.75
Mixed all colors.....	.10	.75

SPIRAEA

Arrive in November

For conservatory or window-garden decoration there is no better subject. Are frequently planted out, and flower during spring. They are extensively grown by florists as an Easter plant. Pot upon arrival and store in cool cellar or coldframe until two months before you wish to have them in bloom.

Queen Alexandra—A beautiful new variety, entirely distinct, the color being a soft pink. A strong grower, free-flowering and forces almost as easy as the other sorts. 25c each; \$2.50 per dozen.

Gladstone—This grand variety is a favorite with the leading growers, who are unanimous in declaring it the finest in existence. The plants form very symmetrical, bushy specimens, and are remarkably free-flowering, a single clump producing from 15 to 20 large snow-white trusses; can be forced very easy. Strong clumps, 20c each; \$2.00 per doz.

Peach Blossom—A novelty of sterling merit; color delicate soft pink; habit and growth similar to Gladstone. Strong clumps, 20c; dozen, \$2.00.



Spiraea, Gladstone



Anemones

IXIAS

The brilliant and varied hues of these most graceful and beautiful winter-blooming bulbs make them especially prized for indoor culture. Plant a dozen bulbs in a 6-inch pot and set in a cool place.

Price, per dozen, 10c; per 100, 75c.

ORNITHOGALUM

(Star of Bethlehem)

A beautiful plant, producing pearly-white flowers with a jet black center, and having a delightful aromatic perfume. Per dozen, 50c.

RANUNCULUS

Requires a cool situation and deep, rich, well drained soil. Plant in autumn. The bulbs have tooth-like prongs or claws, and these should be planted downward, 3 inches deep, 6 inches apart, and given plenty of protection during winter.

French—Mixed. Persian—Mixed. Per dozen, 15c.

SNOWDROPS

One of the very earliest flowers to greet us in spring with their nodding blooms of pure white borne on stems about 6 inches high.

Single—Per dozen, 15c; per 100, \$1.00.

Double—Per dozen, 20c; per 100, \$1.50.

SPANISH IRIS

A very beautiful flower, and an old inhabitant of English gardens.

	Doz.	100
Belle Chinoise—Golden yellow; earliest.....	\$.20	\$1.25
British Queen—Pure white; one of the best.....	.20	1.25
Cajanus—Golden yellow .....	.20	1.25
Darling—Deep blue .....	.20	1.25
Golden Cup—Largest bronze; very vigorous grower....	.20	1.25
King of the Blues—One of the best dark blues.....	.20	1.25
Reconnaissance—Rich dark bronze.....	.20	1.25

SCILLA SIBERICA

Scilla Siberica is one of the hardest bulbs we have, and is very valuable for a permanent edging to bed or border. Their blue, bell-shaped flowers are exquisite. Price, per doz., 20c; per 100, \$1.25.

MISCELLANEOUS BULBS

ANEMONES

(Wind Flowers)

VERY beautiful spring-blooming plants of the brightest and handsomest colors. Anemones make fine pot plants for the window garden.

Single Mixed—A great variety of colors. Per dozen, 15c.

Double Mixed—A fine assortment of colors. Per dozen, 20c.

ALLIUM NEAPOLITANUM

Free-flowering, fragrant and beautiful winter-blooming plant, bearing large clusters of showy white flowers on stems 15 to 20 inches high. Blooms for a month or more. Plant 3 to 6 bulbs in a single pot. Of the easiest culture indoor and excellent for the garden, as they are very hardy. Per dozen, 15c; 100, \$1.00.

CROWN IMPERIALS

This beautiful well-known spring blooming plant needs little if any introduction. The bulbs should be planted about five inches deep. They do not usually bloom until the second year but continue to bloom for several years afterwards. Price, 15c; per dozen, \$1.50.

CYCLAMEN

For richness of coloring, variety and duration of bloom there is no common winter flowering plant so valuable as the greenhouse Cyclamen. In early fall the bulbs may be set in well drained five or six-inch pots in which they are to flower. Keep in a cool, light place, watering lightly at first and then more freely, giving plenty of light and air. Price, 15c; per dozen, \$1.50.

OXALIS

Very desirable and charming plants, particularly adapted for pot culture in the greenhouse or window garden. Plant the bulbs in September or October and keep in a moderate temperature. They are of the easiest culture and will bloom profusely during the winter months.

Bermuda Buttercup—Yellow.....Doz. 15c

Grand Duchess—PinkDoz. 15c

Alba—WhiteDoz. 15c



Ixias

LILIES

CALLAS occupy a prominent place among our favorite house plants because they are so easily grown and give thorough satisfaction, even where they only receive moderate attention and nursing. For best results they should be planted in rich soil, and plenty of water during the growing period is essential to ideal development. Repot in good, rich soil by September 1; bring to the light, and give an abundance of water in a warm room. By following these suggestions, Callas will bloom satisfactorily the following winter.

White Calla will always be a favorite on account of its attractive, glossy green foliage and elegant, waxy-white flowers of good substance and lasting qualities. It is one of our best window plants during the winter months, is easily grown and sure to give satisfaction.

Large size, each 20 cts.; dozen, \$2.00.

Medium size, each 10 cts.; dozen, \$1.00.

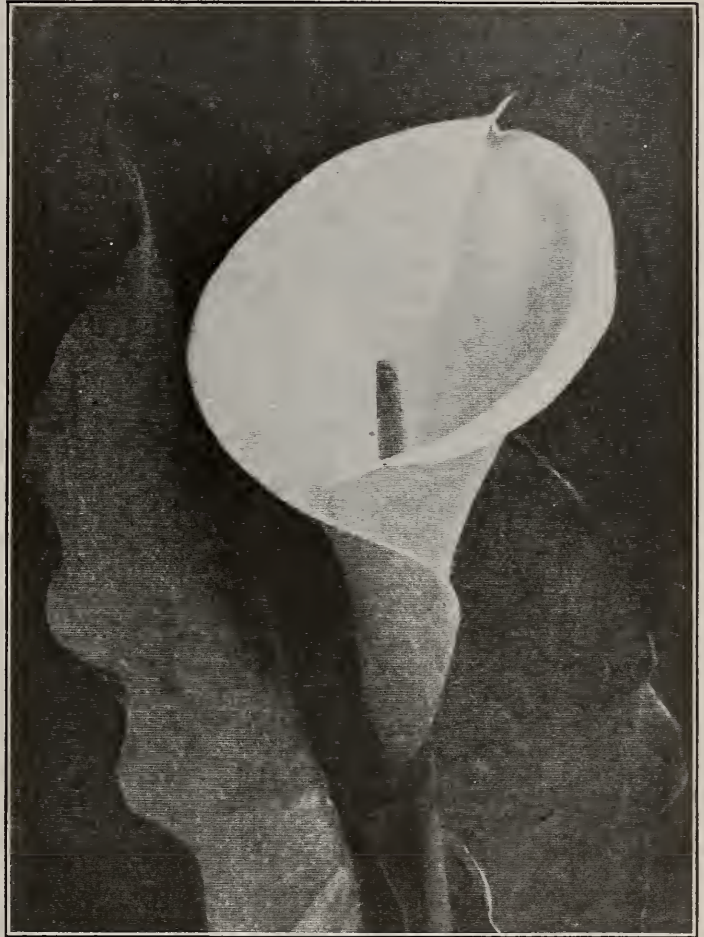
LILY OF THE VALLEY

One of the most useful and charming of our Spring flowers. The pure white, delicately scented, bell-shaped blossoms are very useful for cutting, and a favorite of every one. A partially shaded situation suits them best. Price, 25 for 65c; 100, \$2.50.

INDOOR CULTURE LILIES

For forcing in pots plant as early as possible, from September to November. Plant them in at least 6-inch pots; use a nice, rich, loamy soil, partially composed of pulverized sheep manure and sand.

When bulbs have become thoroughly rooted, bring inside in a temperature of about 60 degrees under bench. When growth is about 6 inches high, place on bench. About seven weeks before Easter they may be brought into a warmer temperature, and if they have good root development, they can be forced in height and flower slowly; about five weeks from flowering time a slight application of liquid manure each week will benefit them greatly.



Calla Lily

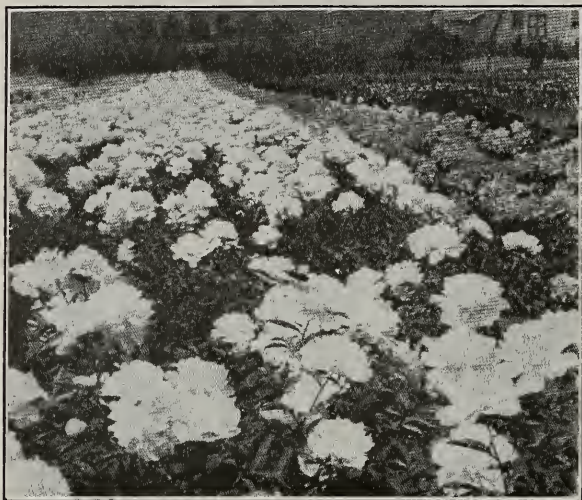
Lilium Candidum (Madonna or Annunciation Lily)—There is an increasing demand for this beautiful lily, and we are importing an extra quantity of the finest bulbs obtainable.....	.10	\$1.00
Lilium Longiflorum Formosum —These are expected to reach us early in September. They have been thoroughly tested by many of the leading growers and have given excellent results, and especially valuable for early forcing.	.15	1.50
Lilium Longiflorum Giganteum —This is a fine late-flowering type; flowers are very large, free and healthy. This lily can be carried in cold storage and flowered at almost any time of the year .....	.15	1.50
Lilium Longiflorum Multi-Florum (Japanese Grown)—Our supply of these are due to arrive early in October; earlier shipments are liable to be immature .....	.15	1.50

HARDY LILIES

We especially recommend deep planting, say, from 6 to 10 inches; varieties like Speciosums require at least 10 inches, with an ample amount of sand beneath the bulb to insure proper drainage. Cover the beds with leaves or litter during winter. Lilies thrive well in borders, formal gardens or shrubbery, and usually flower at a time when the shrubbery has ceased blooming, adding increased interest. The following varieties have proven to be sorts that may be planted in the fall or spring time with excellent results.

Auratum (Golden Banded Lily of Japan) —White with a gold band through the center of each petal; spotted chocolate, crimson; blooms from June to October, select bulbs.....	.15	\$1.50
Speciosum Album —White.....	.15	1.50
Speciosum Melpomene —Rich blood crimson, heavily spotted.....	.15	1.50
Speciosum Rubrum —White shaded deep rose and spotted red.....	.15	1.50
Tigrinum, Fl Pl (Double Tiger Lily)—Bright orange flower, spotted with black .....	.10	1.00

HERBACEOUS PEONIES



Paeony

An important point to observe in the planting of Herbaceous Paeonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

Festiva Maxima—One of the largest and most popular Paeonies of them all. Flowers built high on long stiff stems; pure white, inner petals slightly tipped carmine. Early. Price: each, 25c; 10 for \$2.25.

Humea Carnea—Strong grower, cherry pink; fine

THE old-fashioned Paeony officinalis of our grand-mother's garden, while still popular because of their early flowering, have been eclipsed by the wonderful improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or diseases of any kind, and once planted take care of themselves, increasing in beauty each year.

cut flower variety. Price: each, 25c; 10 for \$2.25.

Rubra Superba—Very large, dark velvety red with a distinct metallic reflex; very brilliant. Ideal habit with tall, stiff stem. Extra. Price: each, 35c; 10 for \$3.00.

Queen Victoria—Large full, compact bloom, with fine, broad guard petals; opens flesh-white, center petals tipped with red blotches. One of the best cut-flower varieties, as it is an exceptional shipper and keeper. Price: each, 25c; 10 for \$2.25.

OFFICINALLIS VARIETIES

THIS is the old-fashioned Paeony; flowering ten days earlier than the above.

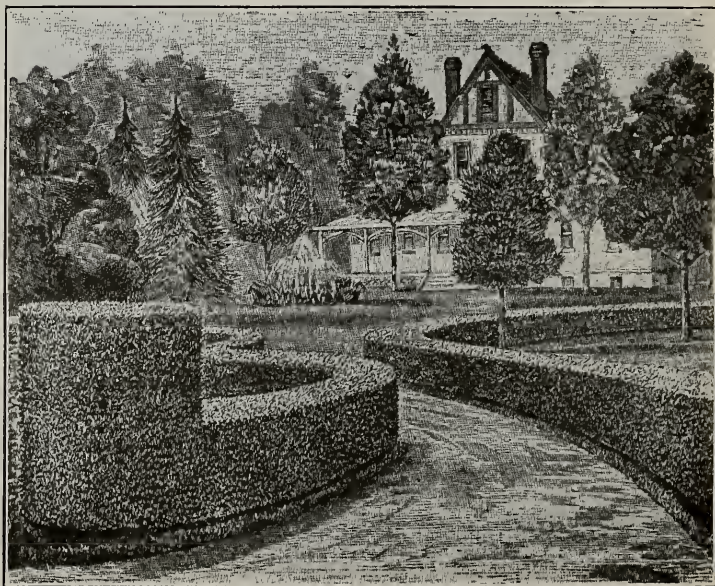
Rubra—Red. Price, each, 25c; 10 for \$2.00.

Rosea—Rose. Price, each, 25c; 10 for \$2.00.

Alba—White. Price, each, 25c; 10 for \$2.00.

CALIFORNIA PRIVET

OF ALL the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Price, 18 to 24 inches high, 10 for 65c; 25 for \$1.50; 50 for \$2.50; 100 for \$4.50.



California Privet

CHOICE VARIETIES OF GIANT PANSIES

PANSIES are now produced in an almost infinite variety of colors and markings. Their brilliancy of shading, extended season of blooming and long keeping characteristics make them general favorites. The strains now offered are far superior to the old varieties and the esteem in which they were held by older generations has been heightened by the greater variety and more brilliant colors of the improved sorts. We have been interested in the bringing forward of advanced types of very large varieties in this country as well as in Europe, and our stocks are the very best obtainable. We spare neither pains nor expense to satisfy the most critical trade. While the variations in shades of color and markings appear almost limitless our list includes the very best strains the world produces.

For the largest and finest Pansies, the seed must be sown in the early fall. Transplant the young seedlings to permanent location as soon as large enough, say in October. They will then have time to form good strong roots before the ground freezes. The last of November protect the plants with a covering of leaves or straw about three inches deep.

Well pulverized soil should be used and the seeds covered $\frac{1}{2}$ to $\frac{1}{4}$ inch deep with fine soil firmly pressed down. The situation sheltered from high winds and exposed to the morning sun is most favorable and frequent sprinkling are advantageous.

Grown indoors, pansies make a good winter blooming pot plant.

St. Louis Seed Co.'s Exhibition Mixture—A magnificent mixture of highest attainable results of the most famous European Pansy Specialists. The flowers are the very largest, perfect in form, gorgeously colored and free blooming. Packet, 25c; $\frac{1}{4}$ oz., \$2.00.

St. Louis Seed Co.'s "Nonpareil" Mixture—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture; it is nearly inconceivable. The flowers are of large size and the plants grow more compactly bushy than other mixtures. We control the crop of the European specialists who raise it. Price, per pkt., 20c; $\frac{1}{4}$ oz., \$1.75.

Trimardeau Giant Mixed—Extra large flowers, but not of such perfect form as the Imperial German. Most of the flowers have three large blotches or spots. Price, per pkt., 10c; $\frac{1}{4}$ oz., 75c.

Imperial German Giant, Mixed—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear distinct eyes, striped flowers of striking beauty and vividly colored



fancy varieties. Price, per pkt., 15c; $\frac{1}{4}$ oz., \$1.00.

Bugnot's Giant Mixture—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite colorings. Price, per pkt., 15c; $\frac{1}{4}$ oz., \$1.50.

Cassier's Giant 5 Spotted Mixed—One of the largest blotched variety, with petals of the finest coloring. Price, per pkt., 20c; $\frac{1}{4}$ oz., \$1.50.

St. Louis Seed Co.'s Large Flowering Mixed—An extra fine strain. Plants compact and produce flowers in great variety of colors. Price, per pkt., 10c; $\frac{1}{4}$ oz., 75c.

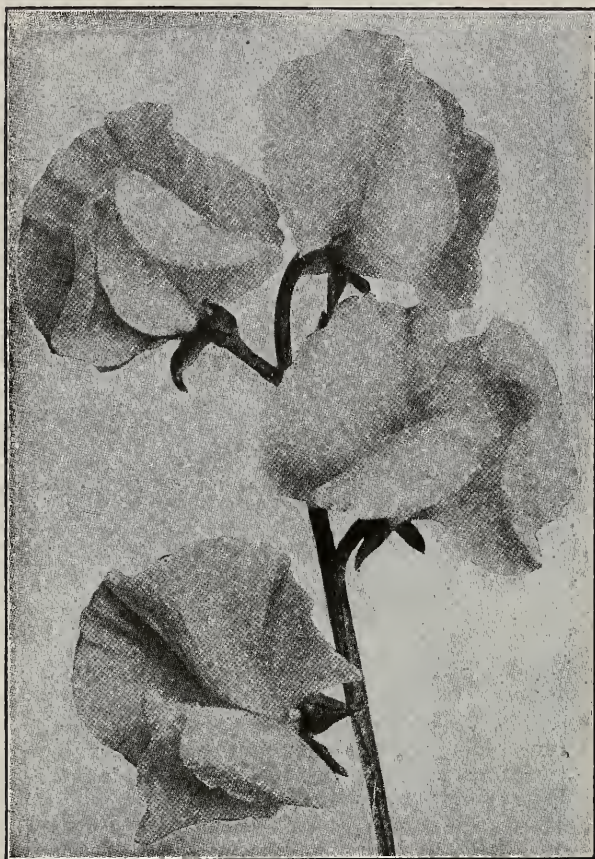
Masterpiece—This grand new giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. Price, per pkt., 15c; $\frac{1}{4}$ oz., \$1.75.

Fine Mixed—Price, per pkt., 5c; per ounce, 50c.

SEPARATE COLORS

All Giant-Flowered Varieties

	Per Pkt.	$\frac{1}{4}$ oz.
Giant Adonis —Light blue, white center	\$0.10	\$1.00
Giant Fire King —Bright reddish brown	.10	1.00
Giant King of the Blacks (Faust) —Pure jet black	.10	1.00
Giant Lord Beaconsfield —Lavender and violet	.10	1.00
Giant Snowflake —White	.10	1.00
Giant Emperor William —Ultramarine blue	.10	1.00
Giant Gold Elsie —Clear yellow	.10	1.00



"SPENCER" SWEET PEAS

	Pkt.	Oz.
Asta Ohn—Soft lavender, suffused mauve....	\$0.10	\$0.25
Aurora Spencer—Cream-white ground, flaked orange-salmon .....	.10	.25
Apple Blossom Spencer—Rose and pink, waved .....	.10	.25
Black Knight Spencer—This is a distinct new giant-flowered maroon or deep chocolate-colored variety .....	.10	.25
Blanche Ferry Spencer—The popular pink and white; always reliable; fine cut flower variety .....	.10	.25
Countess Spencer—Large wavy petals; soft rose-pink .....	.10	.25
Helen Lewis—Standard crimson orange; wings orange-rose .....	.10	.25
King Edward Spencer—Deep carmine-scarlet. ....	.10	.25
Marie Corelli—Brilliant rose-carmine .....	.10	.25
Mrs. Walter Wright Spencer—The flowers are self-colored, of a pinkish-cream tint when first opening, changing to mauve and then to a reddish violet.....	.10	.25
Othello Spencer—Rich deep maroon.....	.10	.25
Primrose Spencer—Very best of the cream-yellow shade .....	.10	.25
White Spencer—The popular white.....	.10	.25

SELECT SWEET PEAS

CULTURE—A great mistake is often made in sowing Winter-flowering Sweet Peas too thickly. An ounce should be sufficient for a row 25 feet long; thin out to 3 inches apart. Sow the first week in September for Christmas flowering. For January, February or March, end of September. Best results can be obtained by maintaining a night temperature of 40° to 45°, and 50° to 55° in the daytime. Spray vines frequently to keep down red spider, thrip and greenfly. Feed when plants are in full bloom.

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance.

EARLY FLOWERING OR CHRISTMAS VARIETIES

	Pkt.	Oz.
St. Louis Seed Co.'s Earliest White.....	\$0.10	\$0.25
Christmas White .....	.10	.25
Christmas Pink .....	.10	.25
Mrs. Alexander Wallace (Lavender).....	.10	.25
Mont Blanc (White).....	.10	.25
Earliest of All (Pink and White).....	.10	.25
Florence Denzer—One of the best forcing pure white .....	.10	.25
Mrs. Geo. Lewis—A pure white waved.....	.10	.25
Mrs. William Sim—Early flowering; salmon-pink .....	.10	.25

SWEET PEAS OF THE "UNWIN" TYPE

	Pkt.	Oz.
Frank Dolby—Light lavender.....	\$0.10	\$0.25
Gladys Unwin—Of a lovely light pink color. ....	.10	.25
Mrs. Alfred Watkins—Both standard and wings are a clear pink.....	.10	.25
Nora Unwin—Pure white, of fine substance .....	.10	.25
Phyllis Unwin—The long stout stems carry three and four flowers each.....	.10	.25

GRANDIFLORA SWEET PEAS

	Pkt.	Oz.	¼ lb.
Aurora—White, magnificently flaked and striped orange.....	\$0.05	\$0.10	\$0.35
Blanche Burpee—Of the best white... ..	.05	.10	.35
Blanche Ferry—The popular pink and white variety .....	.05	.10	.35
Countess of Rador, Improved—Pure light lavender; mauve.....	.05	.10	.35
Dorothy Eckford—Fine pure white large flowers .....	.05	.10	.35
Helen Pierce—Blue mottled on white. ....	.05	.10	.35
Katherine Tracy—Bright pink; excellent.....	.05	.10	.35
Lady Grisel Hamilton—Light lavender blue .....	.05	.10	.35
Mrs. George Higginson, Jr.—Light blue .....	.05	.10	.35
Othello—Deep maroon. Elegant for bouquets .....	.05	.10	.35
Prince of Wales—Bright rose pink... ..	.05	.10	.35

FLOWER SEED

For Autumn Sowing

ON THE following pages we give a most selected list of Seeds of the **Best Hardy Perennials** which are now so deservedly popular. Sown this fall in a cold frame or protected corner of the garden, you can have, with little trouble, an abundant supply of Columbines, Canterbury Bells, Foxgloves, Gaillardias, Hollyhocks, Larkspurs, Forget-me-nots, Daisies, Sweet Williams, etc., etc., for flowering next spring.

ANTIRRHINUM (Snapdragon)

They are easily raised from seeds in any rich, sunny bed. Spring seedlings bloom by midsummer, and if the flowers are cut freely the flowering will be continuous till Fall.

Queen Victoria—The plants (3 ft.) produce beautiful, large, white flowers on long, slender stems the entire season. Price: pkt., 10c.

Giant Pink—Scarlet, striped Yellow—Price: pkt., 5c.

Giant Mixed—A showy border plant. Excellent for cutting. A fine winter bloomer also Blooms the first year. 1½ feet. Price: pkt., 5c.

Tom Thumb Varieties, Mixed Colors—Only 1 ft. high. Price: pkt., 5c.

AQUILEGA (Columbine)

Charming hardy perennials, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple, striped (2 ft.). For planting in permanent places.

Long Spurred Hybrid—The flowers of this new strain are greatly enlarged, and the range of colors of the flower is of a most delicate blue, the corolla being pure white. Luxuriating in the more moist situations in the garden, growing from 1 to 1½ feet high. The large, unique, long-spurred flowers gracefully hang on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decorations. Price: pkt., 15c.

Rose Queen—The plants produce on long slender stalks in great profusion, beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate and beautiful combination of colors, 2½ feet high. As a cut flower their place cannot be filled by any other flower. Price: pkt., 15c.

Double Mixed—Price, pkt., 10c.

ARABIS (Rock Cress)

Alpina Nana Compacta—One of the first flowers to bloom in the Spring. Pure white, low, compact, carpet-like growth, useful for rockeries and the edge of a bed of perennials. For covering graves is unexcelled. Price: pkt., 10c.

CAMPANULA (Canterbury Bells)

Medium Calycanthema—Separated colors—Blue, striped, white, rose and mixed. Price: pkt., 5c.



Aquilegia

COREOPSIS

A beautiful hard flower blooming from seed the first year. Very large golden yellow flowers of great elegance and beauty. The plant is covered with flowers the entire Summer. Price: pkt., 5c.

DAISIES

Plants of Double Daisy will bloom the first Summer and will continue to bloom for years if given slight protection during Winter. They are not very particular as to soil, but should be grown where they will have a little shade.

Double Snowball, White—Price: pkt., 10c.

Double Rose Longfellow—Price: pkt., 10c.

Double Mixed—Price: pkt., 10c.

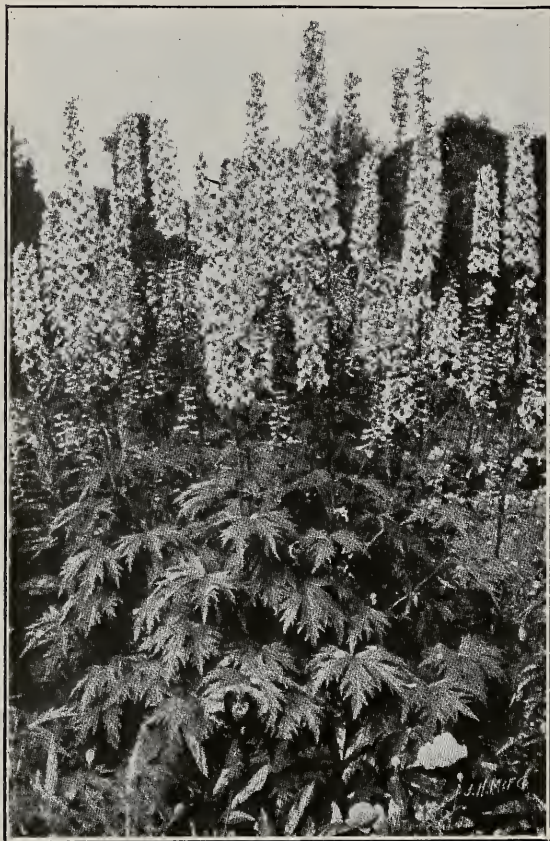
DIANTHUS (Pinks)

Plumarius (Hardy Grass Pinks, Border or Spice Pinks)—These form those dwarf bushy mat-like plants above which are produced, on long stems, the beautiful fringed Pinks which have been valued for generations.

Single Mixed—Price: pkt., 5c.

Double Mixed—Price: pkt., 10c.

"Erfurt"—The flowers of this new type are largest, are borne more profusely on shorter, stiff stems with a vivid and rich display of colors and markings. The colors include blood red, rose, maroon, purple, pink, blush, spotted, laced, variegated. Usually very double, beautifully fringed clove-like perfume. Mixed colors. Price: pkt., 10c.



Delphinium

DELPHINUM

(Hardy Perennial Larkspur)

THESE are usually taller than the annuals, requiring more space between the plants.

Chinese Album Grandiflorum (White)—2 feet. The stems have many lateral branches with large flowers ranging from pure white to deep indigo blue. Leaves deeply lacinated. Price, pkt., 5c.

Chinese Azureum Grandiflorum (Blue)—Price, pkt., 5c.

Chinese Mixed—Price, pkt., 5c.

Elatum Double Mixed—Very showy. Price, pkt., 10c.

Formosum—Brilliant blue, white center; 3 feet. Price, pkt., 10c.

Nudicaule—The only pure bright scarlet. Dwarf and compact in growth, with flower stems of fine length; 1 ft. A native of California. Price, pkt., 10c.

One package each of the above perennial varieties for only 35c.

FOXGLOVE

(Digitalis)

Gloxiniaeflora—This is a fine strain of the ordinary Foxglove, with handsome Gloxiana-like flowers on long spikes. Mixed. Price, pkt., 5c.

FORGET-ME-NOT

(Myosotis)

These dainty elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the Fall and early Spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays, and will bloom nicely in Winter in a cool room or coldframe. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches.

Indigo Blue—Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays, which are excellent for cutting; 9 in. Price, pkt., 10c.

Victoria Distinction (Alpestris)—Bright azure blue. Very early. Price, pkt., 10c.

Myosotis Alpestris—A pretty trailer with blue flowers. Price, pkt., 5c.

Mixed—Price, pkt., 5c.

GALLARDIA

(Blanket Flower)

Flowers are of extraordinary large size, very highly colored in great diversity of variations and blendings, as dazzling scarlet with gold edge, blood crimson with yellow edge, yellow with orange, disc, golden with scarlet border, pure yellow, fiery crimson.

Perennial Large Flowering—Mixed. Price, pkt., 10c.

GYPSOPHILA

Gypsophilias are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. *G. paniculata* continues to bloom for several years.

Paniculata (Baby's Breath)—Flowers white. A hardy perennial which will stay in the ground all Winter. Price, pkt., 5c.

HEUCHERA

The foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. A charming cut flower.

Sanguinea Splendens—Price, pkt., 10c.

HIBISCUS

Robust garden annuals; large saucer shaped flowers of creamy yellow with purple centers. 2 feet.

Africanus (Marshmallows)—Price, pkt., 5c.

HOLLYHOCKS

(5 to 8 feet high)

Allegheny Fringed Double Mixed—Flowers mammoth in size, fringed pink to deep red in color. Blooms very early and continues late. Blooms the first year from seed if sown early. Price, pkt., 10c.

Chater's Superb Double—An extra fine strain. The plants are hardy and large, robust growers; the flowers are not closely huddled up like other Hollyhocks. **Crimson, rose, sulphur, yellow, white and mixed.** Price, pkt., 10c.

Double Mixed, Ordinary Varieties—Price, pkt., 5c.

LYCHNIS

(Burning Star)

Haageana Hybrida—Grand hardy perennials, which grow and bloom year after year, requiring no protection. **White, rose, vermillion.** Price, pkt., 5c.

PLATYCODON

(Chinese Bell Flower)

HARDY perennials bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration. 1½ feet. The *Nana Compacta* or "*Mariest*" type form sturdy little bushes only about 12 inches high and are profuse bloomers.

Grandiflorum—Color blue, very hardy. Height 2 feet. Price, pkt., 5c.

POPPIES

Iceland Laciniated Mixed—White, salmon, rose and orange, with yellow stamens. Petals delicately lacinated and fringed. Dwarf. Price, pkt., 10c.

Oriental Hybrids—Large showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. About 2½ feet. Price, pkt., 10c.

PHYSALIS (Chinese Lantern Plant)

Francheti—An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. Price, pkt., 10c.

PHLOX

A grand flower for giving solid color effect. The flowers literally cover the beds with their brilliant hues. It is a wonderful bloomer and continues late in the season if not allowed to produce seed.

Hardy Perennial Phlox—Fine herbaceous perennial for beds or mixed borders. White, red and mixed. Price, pkt., 10c.

PRIMULA (Primrose)

Obconica—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year.

Grandiflora—A very profuse bloomer, bearing on long stems, heads containing 10 to 15 flowers. Pure white, shaded lilac. Price, pkt., 10c.

Auricula—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc., the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. Price, pkt., 10c.

SHASTA DAISIES

One of the most satisfactory hardy plants for shrubbery border. Flowers profusely throughout the Summer making excellent cut flowers for decorative purposes. Quite a profitable plant to grow as the flowers are in big demand by florists. Price, pkt., 10c.

ROSE CHAMPION

Agrostemma Coronaria—Exceedingly handsome and free-flowering. Rose pink. 1½ feet. Price, pkt., 5c.

STOKESIA

(Corn Flower Aster)

Highly valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

Cyanea—The earliest and best sort. Blue. Price, pkt., 10c.



Sweet William

SWEET WILLIAM

Double Mixed—This mixture contains the finest colors. Impossible to find anything that can compare with it. Price, pkt., 10c.

Single Mixed—Price, pkt., 5c.

SWEET ROCKET

(Hesperis)

Old-fashioned garden plant, and among the most desirable of hardy flowers; also known as *Dame's Rocket* and *Dame's Violet*; grows from 2 to 3 feet high. Fine mixed. Price, pkt., 5c.

VIOLETS

(Sweet Scented)

Viola Odorata (Semperflorens)—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. Price, pkt., 10c.

WALL FLOWER

A beautiful hardy perennial of exquisite coloring, producing long, showy spikes in abundance.

Extra Early Parisian—Blooms in August and continues until checked by frost; magnificent golden yellow single flowers on long spikes; deliciously fragrant. Price, pkt., 5c.

Double Mixed—Price, pkt., 10c.

Single Mixed—1 foot. Price, pkt., 5c.



LAWN GRASSES

ESPECIALLY ADAPTED FOR THIS LOCALITY AND WILL INSURE A FINE VELVETY LAWN

ONE LB. WILL SOW 300 SQUARE FEET. 50 LBS. TO THE ACRE.

TO insure a really fine lawn, there are several requisites; a good depth of rich soil, properly drained; a liberal dressing of some good fertilizer; nicety of grading in the levels and slopes; a firm, smooth surface upon which to sow the seed, and a sufficient quantity of the very best lawn grass seed, suited to the situation. The latter item is of prime importance. A rich soil of good depth, and liberally fertilized, will maintain a fine greensward permanently, needing only an occasional top-dressing. Make a smooth surface with harrow and rake, and use a roller to make it firm and even before sowing the seed. After sowing, cover the seed well by raking it in, and again use the roller to finish the work.

In this latitude there is no more favorable season for sowing than the last of August or September. Sown at this time, the grass will be strong enough to winter over safely. If the seeding cannot be delayed until autumn, it should be done as early in the spring as possible, so that the young grass may be strong enough to withstand the heat of midsummer.

HAVALAWN

(Name in registered in U. S. Patent Office.)

Is procurable only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

HAVALAWN MIXTURE

Will insure a beautiful, compact evergreen sod on any lawn where the essential requirements of grass culture have been complied with. Its components parts are the grasses particularly adapted to lawns and door yards. It is composed of the best thriving varieties, together with the best sod-forming sorts. Timothy and orchard grass are wholly excluded on account of their coarse leaves, and only finest sorts are used. Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that Havalawn Grass

Mixture is now perfect. Nothing better can be purchased on the American market, no matter what claims may be advanced by other seedsmen. Price: lb., 25c; half bu., (7 lbs.), \$1.75; bu. (14 lbs.), \$3.50; 100 lbs., \$23.00.

ST. L. S. CO.'S

SHADY LAWN MIXTURE

This mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slacked lime quite liberally. This mixture is a combination of fine dwarf-growing-evergreen varieties of grass, which grow naturally in the woods or in shaded spots. They are mixed in proper proportions to make a fine lawn under shade trees. Sow seed thickly. Price: lb., 30c; half bu. (7 lbs.), \$2.00; bu. (14 lb.), \$4.00.

GRASS MIXTURES FOR FALL SOWING

GOLF LINKS MIXTURE

WE have given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties, and are the result of experiments conducted on our grounds, as well as careful watching for several years of the practical results obtained on Golf Courses sown with our Grass seeds. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks from time of sowing and will last indefinitely. Price: lb., 30c; 100 lbs., \$35.00.

PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Price: lb., 40c; 100 lbs., \$30.00.

GOOD RESULT MIXTURE

This is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places; also for tenants who do not intend to stay long on the premises, yet want a good grass. We would advise setting the lawn mower high as it will go in cutting this grass, and not water often, but when you do, do it in earnest, or else keep the water off. This rule should apply to all lawn grasses. Watering often burns out the grass more than you may think. The grass mixture will give value received for your time and money spent and will enable those who don't want to spend much on the lawn a chance to have plenty of green grass. Price: lb., 15c; $\frac{1}{2}$ bu. (7 lbs.), 85c; bu. (14 lbs.), \$1.70.

FANCY KENTUCKY BLUE GRASS

This famous grass is well known in all sections. It generally grows well on any stiff or loamy soil in Central and Northern States where rich, moist though moderately well drained. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but when once established forms a close, compact turf, making a fine lawn. It is better to use a combination of grasses than Kentucky Blue alone, as other grasses which grow more luxuriantly at first will form the sod, but when Kentucky Blue is well established it will gradually spread over the entire plot. Price: lb., 20c; 7 lbs., \$1.40; bu., \$2.75.

Canadian Blue Grass (*Poa Compressa*)—Also called flat-stemmed poa. Flat-stalked Meadow Grass: distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. Price: lb., 15c; 7 lbs. ($\frac{1}{2}$ bu.), 85c; bu., \$1.70.

Rhode Island Bent Grass—This is our very best grass for putting-greens, being hardy, and the creeping habit of its roots, constantly adding to the size of its plant, forms the closest mat. Will stand severe rolling and constant cutting. Should be in all lawn mixtures, but on account of its very high price, is rarely used. Our seed of this very valuable grass is of the highest germination and purity. Price: lb., 40c; 10 lbs., \$3.50; 100 lbs., \$34.00.

Red Top—A very hardy native perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: lb., 40c; 10 lbs., \$3.50; 100 lbs., \$33.00.

English Perennial Rye Grass—(20 lbs. per bu.)—It is invaluable for permanent pastures, for hay if cut when in blossom. Price: lb., 15c; bu., \$1.90; 100 lbs., \$8.00.

Bermuda Grass—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. Price: lb., 75c; 10 lbs., \$7.00.

Crested Dogtail—A hardy grass forming a smooth, compact and lasting turf. Does best on rich, moist land,

but will grow on most any soil. Roots deeply and withstands dry weather. Does well in the shade. If sown alone, use 30 pounds to the acre, but the best way is to mix with other grasses. Price: lb., 40c; 10 lbs., \$3.50.

Hard Fescue—Smaller and less vigorous growth than Sheep's Fescue. It suits sandy or dry, hilly soils. It stands heat or cold and prolonged drought. Price: lb., 30c; 10 lbs., \$2.75.

Red Fescue—(14 lbs. per bu.)—For meadows or pastures on dry, hard or sandy soils. It is very hardy. Price: lb., 30c; 10 lbs., \$2.75.

Sheep's Fescue—(14 lbs. per bu.)—Fescues are being appreciated wherever introduced. This variety deserves a place in the stock pastures. Price: lb., 30c; 10 lbs., \$2.75.

Orchard Grass (Rough Cock's Foot)—(14 lbs. per bu.)—A rather coarse perennial grass that forms dense tufts, recommended for partially timbered soils of the Central States. Flourishes best in the shade. Price: lb., 20c; bu., \$2.75; 100 lbs., \$17.00.

Timothy—(45 lbs. per bu.)—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring and it is frequently sown then with equal success. Price: Fancy, lb., 15c; 10 lbs., \$1.00; bu., \$3.75.

White Clover—Valuable for the lawn with other grasses; helps to shade same and keep the soil from washing out. Price: per lb., 45c; 10 lbs., \$4.00.

FERTILIZERS

FOR LAWN, GARDEN, FIELD AND HOUSE PLANTS

A NECESSITY TO ALL GROWING PLANTS

THE farms of our land were never in such need of fertilizing as they are today. The Government Experiment Stations have proven that with the use of fertilizer you can raise much larger and finer crops and without drawing on the land for all its nutriment. Report shows that the Western States are "waking up" and that there has been from 500 to 1000 per cent more increase in different States in the past year in the use of fertilizers. Eastern farmers never think of sowing wheat and grasses without sowing fertilizer also, and our Western customers will soon do the same. The proper time to fertilize in St. Louis latitude is September for Fall sowing and March for Spring sowing.

Here are Fertilizers that will satisfy those who are skeptical as to the use of Commercial Fertilizers.

PULVERIZED SHEEP MANURE

As a top dressing for lawns there is nothing better. Promotes a steady and rapid growth in the vegetable garden. For garden and field crops, 1 to 2 tons per acre, one-half before plowing, balance before harrowing. For top dressing use 1 ton per acre—Fall or early Spring. Price: 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$8.75, delivered in this city. Special prices on ton lots.

PULVERIZED HOG MANURE

Is without any doubt one of the most powerful fertilizers. It is especially adapted for garden use, as well as for all grain crops. Potatoes will pay big where this is used. It is prepared in such shape it can be drilled with any farm seed drill. It is free from all foul seeds and always ready to use. Why should you raise crops that fail to yield, because you could not get the kind of fertilizers you needed heretofore? But you can't say that now. The above three fertilizers are pure, and if you figure what it costs you to haul stable manure from the city you will find you can buy the above brands much cheaper and have all you want for your crops.

Ask us, when in our store (or come in and see us) about these, and look at samples and see for yourself. Try it and be convinced, as we are. Price: 100 lbs., \$2.00; ton and car lots at special quotations.

EVERGREEN FERTILIZER

This fertilizer contains all the plant food elements necessary to plant growth. It will annihilate all disease germs. Thus it prevents stem rot and other diseases from destroying the plants. Price: 12-lb. can, \$1.00.



SHREDDED CATTLE MANURE

This is a high grade of fertilizer that will fill a long-felt want, and prepared in such shape as to be easily applied by any man or boy. This, added to our Pulverized Sheep Manure, on lawns will make grass grow on most any soil. It has been tested thoroughly and found to contain just what we are all wanting. It is being used on a large scale among gardeners and farmers on all crops and they find it cheaper and better than any compost they can haul from city or barnyard on the farm. They never can get enough at the latter places. This new form will enable them to have plenty on hand to use at any time they need it. We know of gardeners buying carloads of it and our Hog Manure. Price: 100 lbs., \$2.00; 500 lbs., \$8.75, delivered in city. Ton and car lots at special quotations.

NITRATE OF SODA

Carries nothing but nitrogen (ammonia); no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. It produces rank growth and dark green foliage. Use at the rate of 100 to 300 lbs. per acre, in the growing season, and at no other time. It is claimed that two weeks can be gained with such things as cabbage, lettuce, onions, etc. Price: 1b., 10c; 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.00.

BONE MEAL

For top dressing to lawns, pastures and meadows; also for use in the vineyard and about fruit-trees and bushes. It carries ammonia and phosphoric acid, but no potash, and may be applied at any time of the year. It keeps on feeding the soil for fully 10 months, and its effect is plainly apparent upon grass land for years. One of the safest and most economical manures. Use 400 to 600 lbs per acre. Price: 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 65c; 50 lbs., \$1.25; 100 lbs., \$2.00.

ST. L. S. CO.'S EXCELSIOR PLANT FOOD

IT will make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. Price: small size, 15c; large size, 25c.

"BONORA"

Nature's greatest Lawn and Plant Food. Used and endorsed by all the leading city parks in the United States, as well as all the botanical gardens throughout the land. It is the elixir of life and beauty to lawns, plants, flowers, vegetables, trees, etc., etc. A vitality producer par excellence. Price: ¼-lb. can, makes 56 pints liquid, 25c; 1-lb. can, makes 28 gallons liquid, 50c.

"Bonora" Comes in Dry Powder Form.

MUSHROOM CULTURE (Champignon-Brut)

GET OUR BOOK ON GROWING MUSHROOMS—PRICE, 50 CENTS



MAY be grown in a great variety of situations—a dark room, cellar, stable or elsewhere. Any place in which an even temperature of about 50 or 60 degrees can be kept, is suitable. For materials for the bed, use fresh horse manure, free from straw or chips, and good loamy soil. Some growers use the manure unmixed with loam, after first having well fermented it by alternately piling up and mixing for a few weeks; but it is undoubtedly better not to allow the manure to heat much before forming the bed. Use one-fourth to one-third loam, the rest manure. Mix very thoroughly and upon a dry, firm bottom; make the bed of this mixture about four feet wide, and of any desired length. Build it up evenly, pressing it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into bed, and note the temperature. When the heat has partially subsided, leaving a temperature of 70 to 80 degrees, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure pressed down. Let it remain thus ten or twelve days; then cover with two inches of fresh loam, and make this moderately firm.

The bed is finished by covering all with four or five inches of straw or other litter. Watering is not necessary, unless the surface of the bed gets very dry; in this event, moisten freely with water, at a temperature of about 80 degrees. In gathering the crop do not cut, but twist them off carefully, filling up the holes with loam to keep insects from the root. In six or eight weeks from spawning the beds, mushrooms should appear.

Genuine English Milltrack Spawn—Large brick, 20c; six bricks, \$1.00; 100 lbs., \$9.00. One pound English Spawn will spawn about 6 square feet.

FLOWER POTS

We are headquarters for Flower Pots of every description. Send us your orders.

2½-inch per Doz.,	\$0.15	2½-inch per 100,	\$0.90
3 -inch per Doz.,	.25	3 -inch per 100,	1.30
4 -inch per Doz.,	.40	4 -inch per 100,	1.75
5 -inch per Doz.,	.60	5 -inch per 100,	3.00
6 -inch per Doz.,	1.00	6 -inch per 100,	4.00
7 -inch Each,	.10	7 -inch per Doz.,	1.90
8 -inch Each,	.15	8 -inch per Doz.,	1.50
10 -inch Each,	.25	10 -inch per Doz.,	2.50
12 -inch Each,	.40	12 -inch per Doz.,	3.50
14 -inch Each,	.65	14 -inch per Doz.,	7.00

BULB PANS

	Each	Doz.
6-in.....	\$0.08	\$0.90
8-in.....	.12	1.35

FERN PANS

	Each	Doz.
6-in.....	\$0.08	\$0.90
8-in.....	.12	1.35

SAUCERS

	Each	Doz.		Each	Doz.
4-in.....	\$0.02½	\$0.20	7-in.....	\$0.05	\$0.50
5-in.....	.02½	.25	8-in.....	.07	.65
6-in.....	.04	.40	10-in.....	.10	1.00
			12-in.....	.15	1.50

"FIBROTTA" PLANT TUB SAUCERS

These are strong, and non-porous, do not leak like old style.

	Each	Doz.
6-inch Diameter	\$0.10	\$1.00
8-inch Diameter .....	.12	1.40
9-inch Diameter .....	.14	1.60
10-inch Diameter .....	.17	2.00
12-inch Diameter .....	.22	2.60
14-inch Diameter .....	.27	...
16-inch Diameter .....	.45	...
18-inch Diameter .....	.65	...

CEDAR TREE TUBS

These Tree or Plant Tubs are also made of selected Virginia White Cedar, and are trimmed with heavy flat steel hoops and smooth strong castings. Tubs painted handsome green color outside, dark gray inside with handles.

No.	Top Diam.	Depth	Price	No.	Top Diam.	Depth	Price
1.	12 in.	10½ in.	\$1.10	3½.	16½ in.	15¾ in.	\$2.25
2.	13 in.	12¾ in.	1.35	4.	19 7-16 in.	16½ in.	2.50
3.	14½ in.	14¾ in.	1.75	5.	22 7-16 in.	18½ in.	3.25

Moss Sphagnum—Bale, \$2.00.

Wired Tree Labels—Painted, 3½x5 in., per 1000, \$1.90; 5x1½ in., 90c per keg of 200.

Pot Labels—Painted—

	Per 100	Per 1000
4-inch	\$0.15	\$0.85
5-inch .....	.15	1.00
6-inch .....	.20	1.25
8-inch .....	.35	2.00

RAFFIA

We will furnish you the finest quality of Raffia on the market in twenty different shades. The Raffia is of the finest grade, the strands are long and uniform, making it a decided advantage in weaving. The natural Raffia is also used for tying up plants in field or greenhouse. Price: Natural, lb., 25c; 5 lbs., 20c per lb.; Bunch, 10c; Colored, skein, 10c; 3 for 25c; lb., 60c.

REED

Used for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

No.	Roll	Price	No.	Roll	Price
No. 1.....	1 Roll	\$0.10	1 lb.,	\$0.80	
No. 2.....	1 Roll	.10	1 lb.,	.70	
No. 3.....	1 Roll	.10	1 lb.,	.60	
No. 4.....	1 Roll	.10	1 lb.,	.50	
No. 5.....	1 Roll	.10	1 lb.,	.50	
No. 6.....	1 Roll	.10	1 lb.,	.45	

MISCELLANEOUS SUPPLIES

LAWN ROLLERS

WATER BALLAST ROLLER

THE advantages of a roller, the weight of which can be increased or lightened at pleasure, can scarcely be overestimated. Often on light or sandy soil, or on newly made lawns a lighter-weight roller is a necessity. With a **Water Ballast Roller** one can secure any weight desired.

No. 7—24 inches long; 24 inches in diameter; weight filled with water, 400 pounds. Price, \$12.50.

No. W6—With counter balancing handles; 24 inches long; 24 inches in diameter; weight, filled with water, 500 pounds. Price, \$14.00.

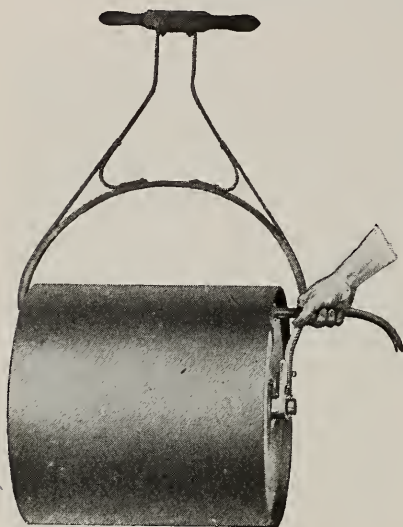
No. W2—With counter balancing handles; 20 inches long; 14 inches in diameter; weight, filled with water, 250 pounds. Price, \$10.00. (See cut).

No. B3—20 inches long; 14 inches in diameter; weight, filled with water, 200 pounds. Price, \$8.50.

CAST IRON ROLLER

No. 2—Roller 24 inches long; 2 sections; 20 inches in diameter; weight, 225 pounds. Price, \$7.00.

No. 3—Roller with self-balancing handles, 24 inches long; 2 sections; 20 inches in diameter; weight 300 pounds. Price, \$8.00.



Water Ballast Roller

All Steel Combination Sheep and Grass Shears—The best made. Price, only 50c; cheaper grades, 25c.

Acme Weeder or Hand Cultivator—Combination hoe and cultivator combined. Made with a solid steel shank. Price, 75c.

Amateur Garden Trowel—4-inch, riveted handle. Price, each, 15c.

Garden Rakes—With short teeth, for gravel walks and driveways. Price, 16 teeth, 75c.

Garden Hoe—Highest grade crucible forged steel, oil tempered polished blade, with solid steel gold bronzed neck; ash handle. Price, 75c.

Grafting Wax—Price, ½ lb., 15c; lb., 25c.

Forged Steel Garden Trowels—Made of one piece of steel. For market gardeners' use they are the very best trowels. Price, 5-inch, 35c.

Lawn Rake—Heavily tinned steel teeth. The arched teeth for leaves and litter. Twenty-four teeth closely set. Price, each, 50c.

Mehler's Handy Gardener—Combination garden tool. Price, \$1.00.

Mehler's Handy Grass Edger Price, \$1.25.

Shears for Pruning—Very strong steel blades and good spring. Price, 50c.

Spading Fork—Four flat diamond back tumbled finish tines, 6¼ inches long; spread (extreme width) 6 inches; malleable D handle, with wood grip. Price, 75c.

Transplanting Trowels—Made of the same material as the above. Price, 5-inch, 10c; 7-inch, 15c.

Thermometers—While we use great care in packing, Thermometers are shipped at purchaser's risk only.

Hotbed or Mushroom. Price, iron point, \$1.25.

Water's Tree Pruners—The best Pruner on the market; cuts limbs to ¾-inch in diameter. Price, 8 ft., \$1.00; 10 ft., \$1.25.

Weeding Hoe—Highest grade crucible forged steel, oil tempered, malleable iron, gold bronzed riveted shank. Price, 35c.



Spading Fork



Transplanting Trowel



Garden Trowel



Pruning Shears



Garden Rake



Garden Hoe



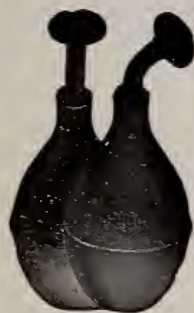
Lawn Rake



Weeding Hoe

SPRAYERS THAT SPRAY

MYERS' PERFECT DOUBLE-ACTING BARREL SPRAY PUMPS



Plant Sprinklers

IMPROVED BRASS Barrel Sprayer No. 305½—So constructed that the cylinders are entirely submerged in the liquid. It fastens to the chime of any good barrel.

Is fitted with one discharge hose, 5-ply, 15 feet long, graduated Vermorel nozzle and agitator, which keeps the liquid well mixed. Price, \$8.00. No. 305 same as 305½ without mechanical agitator, \$7.00.

306 same as 305 except that it has 2 discharge hoses and two Vermorel nozzles. Price: each, \$10.00.

LITTLE GIANT

Bucket Spray Pump—For spraying and white washing. Has an adjustable foot-rest to fit any bucket or tub. Price, with 3 foot hose, \$3.00.

DEFIANCE

Double-Acting Bucket Pump—Is made entirely of brass, except the handle and foot-rest; has patent agitator, detachable hose, hemp packed plunger, brass ball valves, 2 nozzles, spray and solid stream; can be used for spraying or white-washing. Price: each, \$4.00.

Lever Bucket Pump and Barrel Sprayer No. 324—This is the best combination made for small fruit growers. Has brass cylinders, patent agitators, coarse and fine stream nozzles. Being a combination pump it can be used on a barrel or in a bucket. Price, \$4.00.

Extension Pipes—Iron, 4-foot lengths. Price: each, 25c; 8-foot lengths, each, 45c.

Bamboo Rods—8 feet long. Price: each, \$2.00.

“AUTO” COMPRESSED AIR SPRAYER

The Auto-Spray No. 1 is one of the best on the market. It is very strong and practical. When properly charged contains three gallons of solution and one gallon of compressed air. Ten to twelve strokes of the plunger will compress the air and two pumpings will empty the entire contents.

Auto-Spray No. 1C—Galvanized Reservoir, Stop Cock. Price, \$4.50.

Auto-Spray No. 1D—Galvanized Reservoir, Auto-Pop. Price, \$4.95.

Auto-Spray No. 1A—Brass Reservoir, Stop Cock. Price, \$6.75.

Auto-Spray No. 1B—Brass Reservoir, Auto-Pop. Price, \$7.20.



Little Giant

EXTRAS FOR AUTO.

Auto-Top Nozzles	\$1.33
Extension Pipe, brass, 2-foot length.....	.50
Brass Elbow Extension.....	.30
Brass Strainer for Straining solutions.....	.90

“PERFECTION” SPRAYER

The best compressed air sprayer made: strongest, simplest and throws either a fine mist or coarse spray. Will handle all spraying mixtures as well as white-wash, paints, etc. Galvanized with automatic shut-off nozzle. Price: each, \$4.50. All brass as above, each, \$6.50.

RUBBER PLANT SPRINKLERS

Straight and bent neck. Size, 6 oz. Price, 75c.

Single Vermorel Nozzle—The Vermorel is one of the best spray nozzles for close range. Single spray, 75c.

Bordeaux Nozzle—For spraying whitewash it cannot be surpassed. Unclogs itself when cock handle is turned. Fits all standard pumps. Price, 75c.

INSECTICIDES

Aphine—Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale, slugs and all soft bodied insects most effectively, and without injury to foliage or flower. Price: pt., 65c; qt., \$1.00; gal., \$2.50.

Arsenate of Lead Paste—The best of all arsenical insecticides; does not burn the foliage, and as it shows white you can tell just what has been sprayed; sticks well to the foliage and is sure death to all leaf-eating insects. Apply at rate of 1 oz. to 1 gallon. Price: lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 50 lbs., \$6.50; 100 lbs., \$12.00.

Aphis Punk (40 Per Cent Strength, for Fumigating)—Specially prepared for greenhouses and conservatories. It vaporizes the nicotine economically and evenly. Nothing keeps a house free from aphids, thrip and other plant parasites as thoroughly and cheaply. Price: Box of 12 rolls, 60c; 1 case, 12 boxes, \$6.50.

Bordeaux Mixture Paste—For all fungus diseases. By adding water it is ready to use. 10 lbs. will make one barrel liquid. Price: lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50.

Fungine—An infallible fungicide for destroying mildew, rust, bench rot and other fungi. Apart from its general effectiveness, an important merit is that it does not stain the foliage. It is a clean, safe and easily applied remedy. Price: pt., 40c; qt., 75c; gal., \$2.00.

Lime Sulphur Solution—A perfect scale and fungus destroyer; special for plum and peach trees, which need fall and spring treatment; cures peach leaf curl.

Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Apply with spray pump. Price: qt., 25c; gal., 75c; 5 gals., \$2.50; 50-gal. bbl., \$10.00.

Nikoteen (30 Per Cent Strength for Spraying)—Strongest, purest and most economical. Death to aphids or green fly, spider, mealy bug, thrip and many other forms of flower, fruit and vegetable lice. Price: 2-oz. bottle, 40c; ½ pt., 85c; 1 pt. bottle, \$1.50.

Pine Tar—A specially prepared thick paint. Just the thing to use after pruning your trees. Price: 1 pt., 15c; 1 qt., 25c; 1 gal., 60c.

Scale Destroyer—This we consider the most effective scale destroyer on the market today. Specially good for lawn trees and hedges, as it will not stain. Mixes perfectly with water. Use during dormant period. Dilute with 15 to 20 parts of water. Apply with spray pump. Price: qt. can, 35c; gal., \$1.00; 5 gal., \$3.75; 50-gal. bbl., \$25.00.

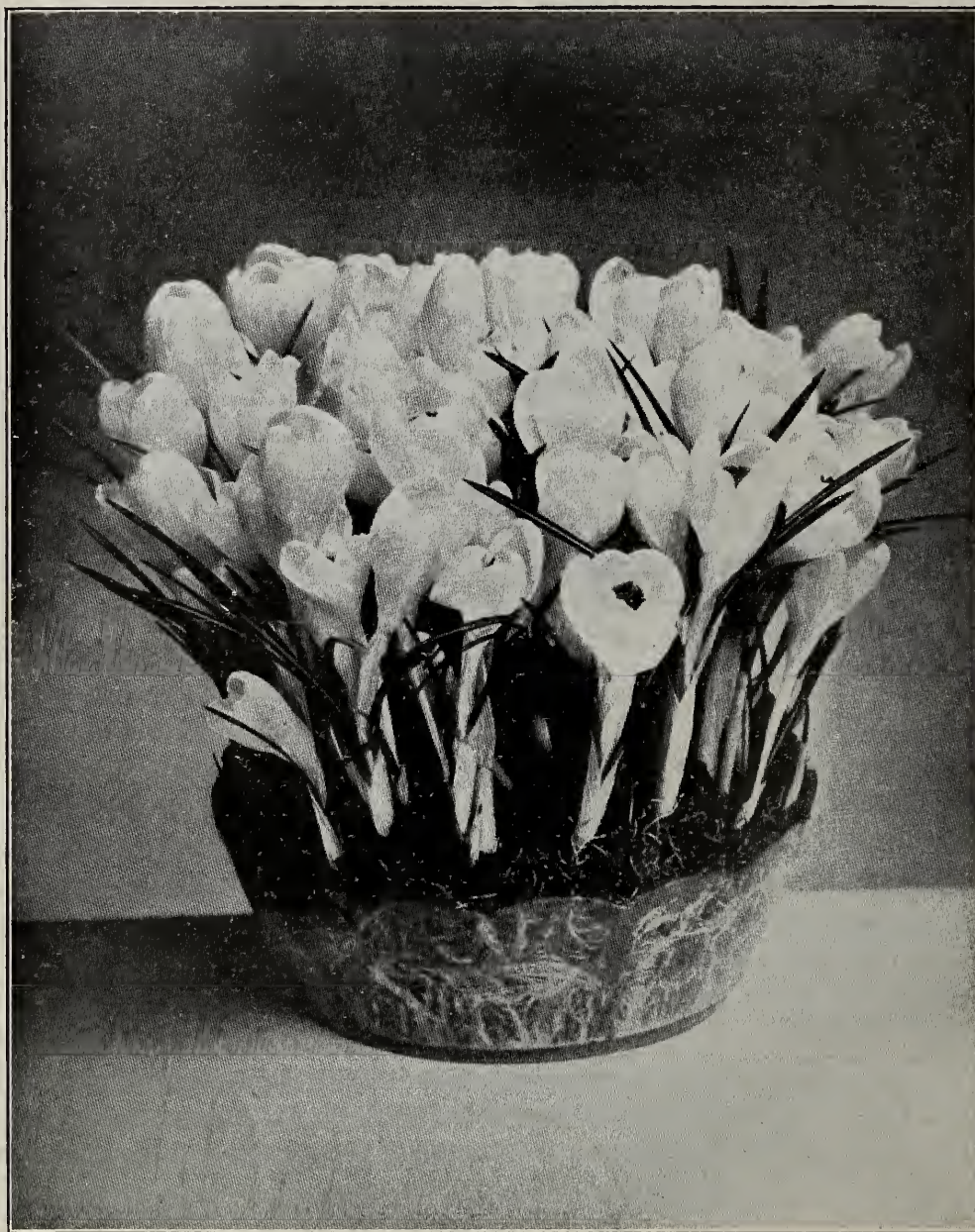
RAT CORN NO ODORS NO SMELLS

It mummifies them. No matter where they die, they simply DRY UP. Positively do not smell.

Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects.

A trial will convince you. Price, 25c, 50c and \$1.00 per can.

Beautify Your Home with Hyacinth, Tulips
and Narcissus



Crocus

ST. LOUIS SEED CO.
The Home of "Pure and Sure Seeds"